

11+ Kent VR, NVR & Spatial Reasoning Tests

☒ 4 Kent Practice Paper Packs

☒ 600+ Kent Styles MCQs



☒ Detailed Answers & Hints

☒ Mirrors Real Exam Pattern



11+ Kent

Paper 4 – Session 1

Instructions:

1. Do not turn over this page until instructed to do so.
2. This paper contains **three tests**:
 - Test 1: **Verbal Reasoning (VR)**
 - Test 2: **Non-Verbal Reasoning (NVR)**
 - Test 3: **Spatial Reasoning**
3. Each test contains specific instructions. Read them carefully before starting.
4. Listen carefully to the **instructions read out by the invigilator**. They will guide you through the test process.
5. Check that your **name** and **date of birth** are correctly shown on the answer sheet.
6. In the answer sheet, **mark** the correct answer by **drawing a line with your pencil** through the small rectangular box beside it like this. 
7. You must make sure that you **mark your answer in the box** that has the **same question number** as the question you are doing in the paper.
8. If you make a mistake, rub out your mark as well as you can and mark your new answer.
9. The answer sheet will be marked by a computer.
10. You may **do any rough work** on the **question paper**.
11. This is a **multiple-choice test**. Each question carries **1 mark**.
12. At the bottom of each page in the paper are instructions mentioned below telling you:

to stop

Do not turn the page until told to do so 

to go on

Please go on to the next page >>>

or whether you have reached the end of the section/test.

END OF REASONING TEST

11+ Kent

Paper 4 - Test 1

Verbal Reasoning

Instructions:

1. Do not turn over this page until instructed to do so.
2. There are two timed sections: **practice and main section**.
3. The test begins with a **10-minute** practice section.
4. The practice section includes **15 questions**.
 - The **first question** for each question type is solved with a detailed solution.
 - The remaining questions are for you to attempt.
5. The practice section is followed by the main questions.
6. Total time for the main questions is **20 minutes**.
7. Work quickly and carefully through the questions.
8. If you finish early, go back and check your work.
9. This is a **multiple-choice test**. Each question carries **1 mark**.



Verbal Reasoning: Practice Section (10 mins)

In these questions, find two words, one from each group, that together make one correctly spelt word, without changing the order of the letters. The word from the first group always comes first.

Example

(sea see set) (cure soft port)

A sea cure **B** see soft **C** set port **D** sea port **E** see cure

*The answer is **sea port**. The two words are "sea" from the first group and "port" from the second group, forming the word "seaport." These are the only two words that correctly combine into a real word.*

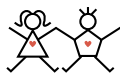
Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

1 (wash sleep drive) (room globe plant)

- A** sleep room **B** drive plant **C** wash globe
D wash room **E** drive globe

2 (storm cloud thunder) (drift drop strike)

- A** storm drift **B** cloud drop **C** thunder strike
D cloud strike **E** storm drop



In these questions, two groups of three words are given. The words in the first group follow a pattern to form a specific middle word. The second group must follow the same pattern, but one word is missing. Find the missing word in the second group.

Example

(vile [vet] fact) (sale [?] blow)

A set **B** net **C** sew **D** bet **E** get

*The answer is **sew**. In the first group, the first and last letter of 'vile' and the first letter of 'fact' combine to form 'vet'. Using the same pattern, the first two letters of 'sale' and the first letter of 'blow' combine to form 'sew'.*

Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

3

(feed [fear] tarp) (task [?] mill)

A tail **B** mail **C** sail **D** hail **E** tall

4

(cost [code] dine) (hold [?] line)

A hole **B** hale **C** pole **D** mile **E** mole



In these questions, you are given a sequence of numbers that follow a particular pattern. Find the number that logically continues the sequence.

Example

9 18 36 72 [?]

A 144 **B** 140 **C** 120 **D** 150 **E** 130

*The answer is **A** as in this series, each number is **multiplied** by 2. The next number is, $72 \times 2 = 144$. Series can follow different operations (+, -, ×, ÷) or have alternating patterns (e.g., one sequence for odd positions, another for even)*

Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

5

40 35 30 25 [?]

A 20 **B** 21 **C** 22 **D** 24 **E** 23

6

7 11 8 10 [?]

A 7 **B** 11 **C** 8 **D** 10 **E** 9



In these questions, find the number that will complete the sum correctly. The only operations that will be used are multiply, divide, add, and subtract.

Example

$$45 \div 9 + 7 \times 3 = 5 \times 4 + 2 \times [?]$$

A 3 B 5 C 7 D 6 E 4

The answer is 3. The sum on the left is $45 \div 9 + 7 \times 3 = 5 + 21 = 26$. The right-hand side must also equal 26. Since $5 \times 4 = 20$, adding $2 \times 3 = 6$ balances both sides. Thus, the missing number is 3.

Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

7

$$12 + 28 + 14 = 60 \div 2 + 12 + [?]$$

A 10 B 11 C 12 D 13 E 14

8

$$54 + 17 - 8 = 9 \times 4 \times 2 - [?]$$

A 6 B 9 C 12 D 15 E 19



In these questions, find the two words, one from each group, that are most opposite in meaning.

Example

(bright dull vivid) (dark muted pale)

A bright dark

B dull pale

C vivid dark

D dull muted

E vivid pale

*The answer is **bright dark**. The word ‘bright’ means **full of light**, while ‘dark’ means **lacking light**, making them most opposite in meaning.*

Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

9 (rapid sluggish brisk) (slow relaxed steady)

A rapid relaxed

B brisk relaxed

C sluggish steady

D rapid slow

E sluggish slow

10 (transparent visible opaque) (clear obscure open)

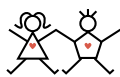
A transparent clear

B transparent obscure

C opaque clear

D opaque open

E visible open



In these questions, find two words, one from each group, that are closest in meaning.

Example

(friendly loyal helpful) (hostile selfish cooperative)

- A** friendly hostile **B** loyal selfish **C** helpful cooperative
D friendly cooperative **E** loyal hostile

*The answer is **helpful cooperative**. The word 'helpful' means **giving or ready** to give help, while 'cooperative' means **willing to work together or to help**, making them closest in meaning.*

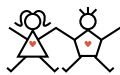
Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

11 (vigilant observant perceptive) (aware heedful cognizant)

- A** vigilant aware **B** observant cognizant **C** vigilant heedful
D perceptive aware **E** observant heedful

12 (evil virtuous moral) (wicked honest upright)

- A** evil wicked **B** virtuous moral **C** evil upright
D honest wicked **E** virtuous wicked



In these questions, a word in capitals is missing three consecutive letters. These letters form a correctly spelled word. Choose the option that completes the word correctly so the sentence makes sense.

Example

The explorers found a mysterious C H [] [] [] E R in the jungle.

A LAD **B** LAW **C** AMB **D** RAW **E** RED

*The answer is **AMB**. The missing three-letter word from **CH[][][]ER** is **AMB**. Completing the word as **CHAMBER** forms a meaningful word that fits the sentence.*

Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

13

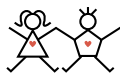
The campers set up their T [] [] [] S near the river.

A TIN **B** ENT **C** TON **D** TAP **E** TOP

14

The archaeologist uncovered a golden T [] [] [] E T from the ruins.

A ABL **B** BAL **C** LAB **D** IBL **E** OTB



In these questions, choose the word that best completes the sentence.

Example

Despite his initial shyness, he proved to be a very _____ speaker once he got on stage.

A quiet **B** timid **C** engaging **D** reserved **E** hesitant

*The answer is **engaging**. The phrase "despite his initial shyness" suggests that he overcame his shyness to become an effective speaker. **Engaging** means captivating or able to hold attention, making it the correct choice.*

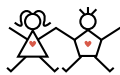
Now try the practice question below. Work out the correct answer and mark it on the answer sheet.

15

Even though the recipe looked complicated, it was surprisingly _____ to make.

A difficult **B** intricate **C** simple **D** elaborate **E** complex





Verbal Reasoning

You have **20 minutes** to complete these **32 questions**.

This section is **marked**.

In these questions, find two words, one from each group, that together make one correctly spelt word, without changing the order of the letters. The word from the first group always comes first. Find both the words and mark the correct answer on the answer sheet.

1 (school book note) (clip pen mark)

- A** school pen **B** book clip **C** note mark
D school clip **E** book mark

2 (fire flame ember) (fly bug insect)

- A** flame fly **B** ember bug **C** fire insect
D flame bug **E** fire fly

3 (bed mattress sheet) (room chamber suite)

- A** mattress chamber **B** sheet suite **C** bed suite
D mattress suite **E** bed room



4

(storm rain weather) (arc bow bend)

A storm arc

B rain bow

C weather bend

D storm bow

E rain arc



In these questions, two groups of three words are given. The words in the first group follow a pattern to form a specific middle word. The second group must follow the same pattern, but one word is missing. Find the missing word in the second group and mark the correct answer in the answer sheet.

5

(crow [cold] lids) (wait [?] lade)

A tame **B** calm **C** wild **D** slow **E** free**6**

(copper [coal] salad) (marker [?] window)

A maid **B** mane **C** mail **D** main **E** mean**7**

(moral [mask] sink) (molar [?] rusk)

A sign **B** aim **C** mark **D** note **E** point**8**

(paper [palm] elm) (pencil [?] eel)

A peel **B** peal **C** peep **D** peer **E** peet



In these questions, you are given a sequence of numbers that follow a particular pattern. Find the number that logically continues the sequence and mark the correct answer on the answer sheet.

9

3 6 9 12 15 [?]

A 21**B** 27**C** 18**D** 24**E** 30

10

4 12 6 18 9 [?]

A 18**B** 27**C** 36**D** 45**E** 54

11

1 1 2 3 5 [?] 13

A 5**B** 8**C** 10**D** 14**E** 17

12

1 3 6 10 15 [?]

A 16**B** 12**C** 14**D** 18**E** 21



In these questions, find the number that will complete the sum correctly. The only operations that will be used are multiply, divide, add, and subtract and mark the correct answer on the answer sheet.

13

$$64 \div 8 \times 3 + 5 = 24 - 7 + [?]$$

- A** 12 **B** 6 **C** 4 **D** 8 **E** 10

14

$$81 \div 9 \times 4 = 15 + 3 \times [?]$$

- A** 2 **B** 5 **C** 7 **D** 8 **E** 10

15

$$50 - 12 \div 4 - 8 \times 2 = 36 - 5 \times [?]$$

- A** 1 **B** 5 **C** 2 **D** 3 **E** 4

16

$$18 \div 3 + 6 \times 5 - 12 = 14 + 5 \times [?]$$

- A** 2 **B** 4 **C** 1 **D** 3 **E** 5



In these questions, find the two words, one from each group, that are most opposite in meaning and mark the correct answer on the answer sheet.

17

(vibrant rigid temporary) (shallow dull bitter)

- A** vibrant dull **B** rigid bitter **C** vibrant shallow
D temporary dull **E** rigid shallow

18

(truth honesty integrity) (deception fraud sincerity)

- A** fraud deception **B** honesty fraud **C** integrity sincerity
D honesty deception **E** integrity fraud

19

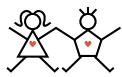
(obliging considerate amiable) (useless ineffective worthless)

- A** obliging ineffective **B** considerate useless
C obliging useless **D** amiable worthless
E considerate worthless

20

(generous polite swift) (selfish tired heavy)

- A** generous tired **B** polite heavy **C** generous selfish
D swift heavy **E** polite selfish



In these questions, find the two words, one from each group, that are closest in meaning and mark the correct answer on the answer sheet.

21

(arid barren desolate) (moist lush parched)

- A** arid moist **B** barren lush **C** desolate parched
D arid parched **E** desolate moist

22

(large trivial cunning) (sly small immense)

- A** large sly **B** trivial small **C** cunning immense
D large immense **E** trivial cunning

23

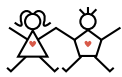
(forbid amuse aid) (assist entertain prohibit)

- A** forbid assist **B** amuse entertain **C** aid prohibit
D amuse assist **E** forbid entertain

24

(enrage obey quick) (rapid follow infuriate)

- A** enrage rapid **B** obey follow **C** quick infuriate
D enrage follow **E** obey rapid



In these questions, a word in capitals is missing three consecutive letters. These letters form a correctly spelled word. Choose the option that completes the word correctly so the sentence makes sense and mark the correct answer on the answer sheet.

25

The mechanic reached for the H [] [] [] LE to tighten the bolt.

- A** AND **B** ANT **C** END **D** DAN **E** HAN

26

The nurse quickly applied a BAN [] [] [] E to the wound.

- A** DAG **B** BAG **C** GAD **D** AGE **E** DAN

27

It was an honest MIS [] [] [] E that anyone could have made.

- A** TAK **B** STA **C** AKE **D** TIK **E** SIK

28

The book was filled with magical FAN [] [] [] Y creatures.

- A** TAS **B** TAN **C** FAN **D** SYT **E** ANT



In these questions, choose the word that best completes the sentence and mark the correct answer on the answer sheet.

29

Despite the _____ terrain, the hikers managed to reach the summit.

A flat **B** easy **C** gentle **D** challenging **E** smooth

30

The room was in complete _____, with clothes and books scattered everywhere.

A order **B** neatness **C** tidiness **D** harmony **E** chaos

31

The sudden loud noise caused a moment of _____ among the crowd.

A joy **B** amusement **C** relief **D** fear **E** calmness

32

She is a very _____ friend who I can always rely on.

A unreliable **B** fickle **C** dependable
D inconsistent **E** capricious

11+ Kent

Paper 4 - Test 2

Non-Verbal Reasoning

Instructions:

1. Do not turn over this page until instructed to do so.
2. There are **three sub-tests**.
3. Each sub-test begins with an untimed practice section, conducted with the invigilator.
 - The **first question** is solved with a detailed solution.
 - The remaining **three questions** are for you to attempt.
4. Each sub-test has **eight** main questions.
5. Each sub-test is timed individually (**5 minutes** per sub-test).
6. Total time for main questions is **15 minutes**.
7. Work quickly and carefully through the questions.
8. If you finish early, go back and check your work.
9. This is a **multiple-choice test**. Each question carries **1 mark**.

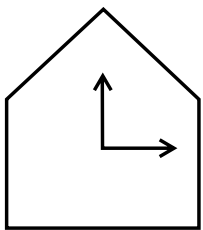
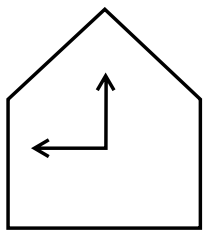
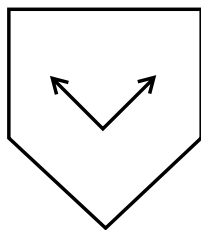
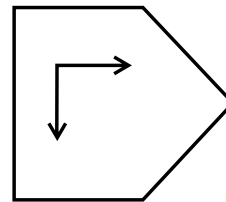
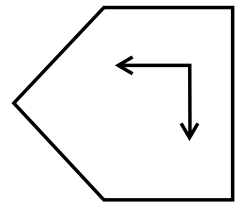


NVR Sub-test 1 Practice Section

Take as much time as you need to read this example carefully and complete the practice question that follows.

In each of the rows below there are five figures. Find the figure in each row that is most unlike the other four

Example

**A****B****C****D****E**

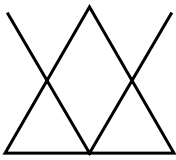
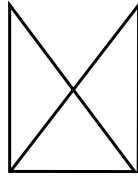
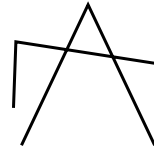
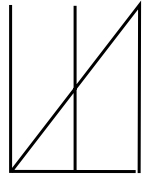
The correct answer is **C**.

*In all other figures, the arrows are consistently pointing in vertical and horizontal directions, maintaining a uniform alignment. However, in Option **C**, the arrows are positioned diagonally rather than following the same directional pattern. This inconsistency makes Option **C** the odd one out.*

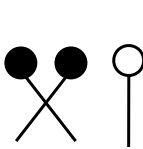
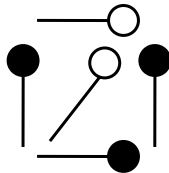
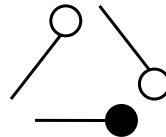
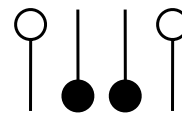
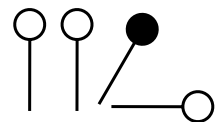


Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

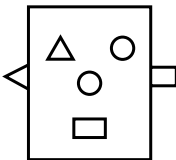
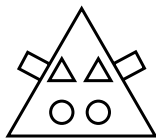
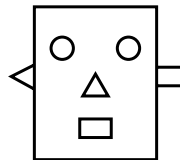
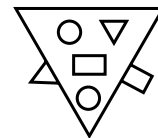
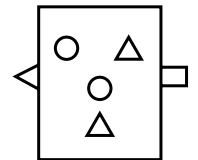
1

**A****B****C****D****E**

2

**A****B****C****D****E**

3

**A****B****C****D****E**

This is the end of NVR Sub-test 1 Practice Section.



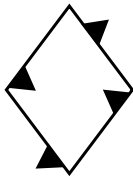
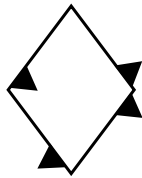
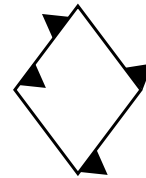
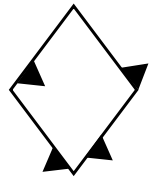


NVR Sub-test 1

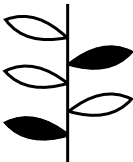
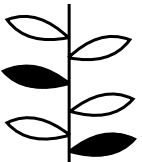
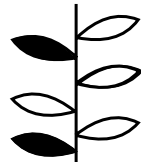
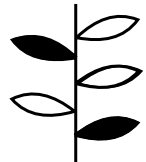
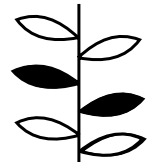
You have **5 minutes** to complete these **eight questions**.
This section is **marked**.

In each of the rows below there are five figures. Find the figure in each row that is most unlike the other four and mark its letter on the answersheet.

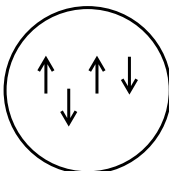
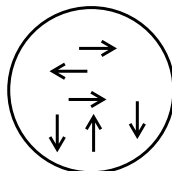
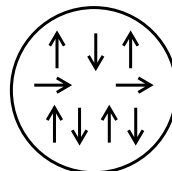
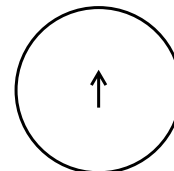
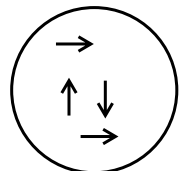
1

**A****B****C****D****E**

2

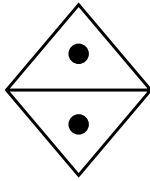
**A****B****C****D****E**

3

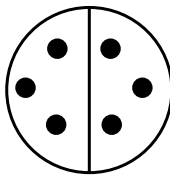
**A****B****C****D****E**



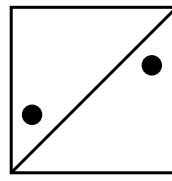
4



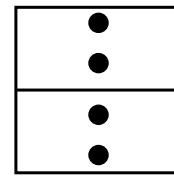
A



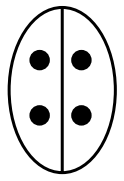
B



C

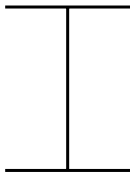


D

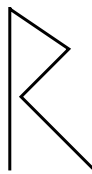


E

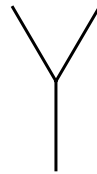
5



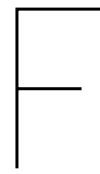
A



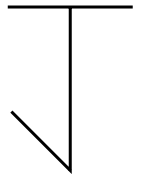
B



C

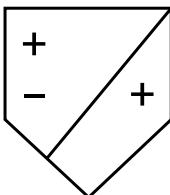


D

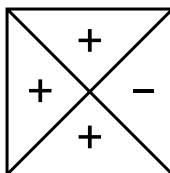


E

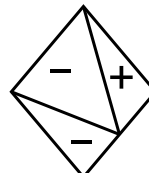
6



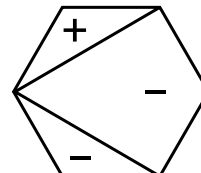
A



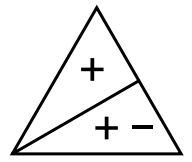
B



C



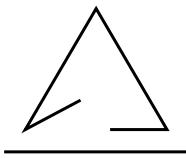
D



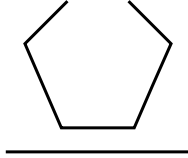
E



7



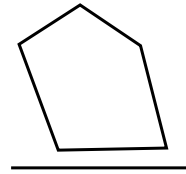
A



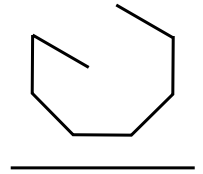
B



C

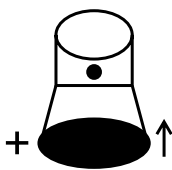


D

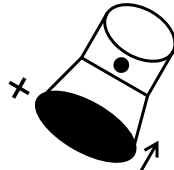


E

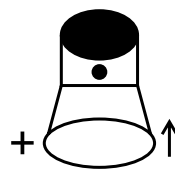
8



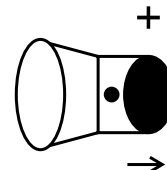
A



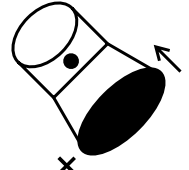
B



C



D



E

This is the end of NVR Sub-test 1.

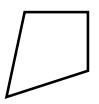
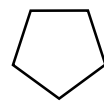
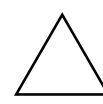
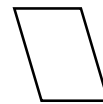
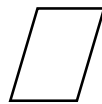
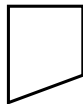
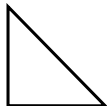


NVR Sub-test 2 Practice Section

Take as much time as you need to read this example carefully and complete the practice question that follows.

***On the left, three shapes share a common pattern or rule.
From the five answer choices on the right, select the shape that
follows the same pattern as the ones on the left.***

Example

**A****B****C****D****E**

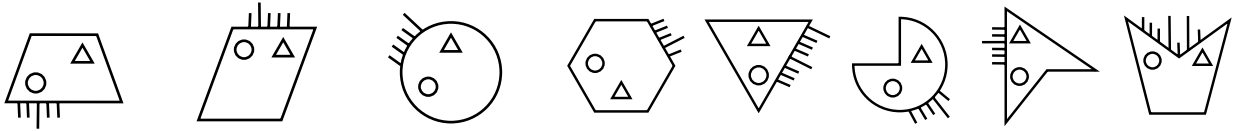
*The correct answer is **E**.*

Each figure has at least one straight horizontal line and one straight vertical line.



Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

1



A

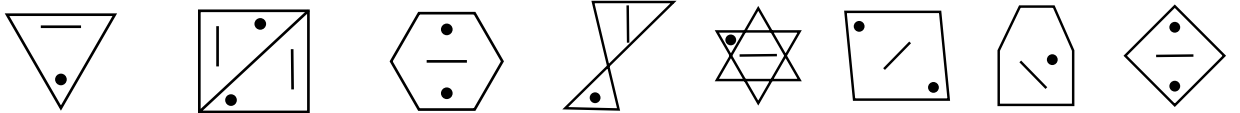
B

C

D

E

2



A

B

C

D

E

3



A

B

C

D

E

This is the end of NVR Sub-test 2 Practice Section.



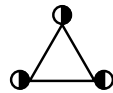
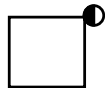


NVR Sub-test 2

You have **5 minutes** to complete these **eight questions**.
This section is **marked**.

**On the left, three shapes share a common pattern or rule.
From the five answer choices on the right, select the shape that
follows the same pattern as the ones on the left and mark its
letter on your answer sheet.**

9



A

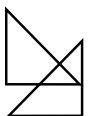
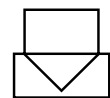
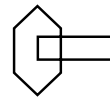
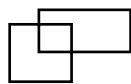
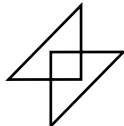
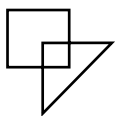
B

C

D

E

10



A

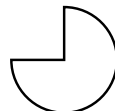
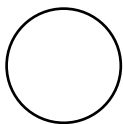
B

C

D

E

11



A

B

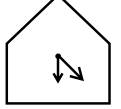
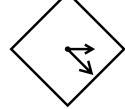
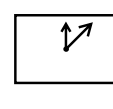
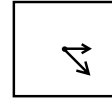
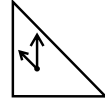
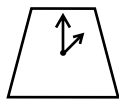
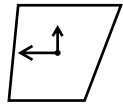
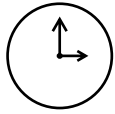
C

D

E



12



A

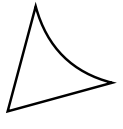
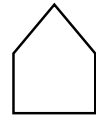
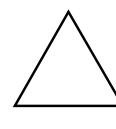
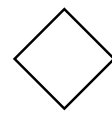
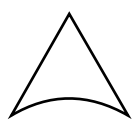
B

C

D

E

13



A

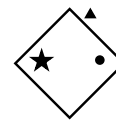
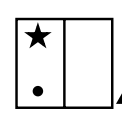
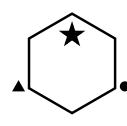
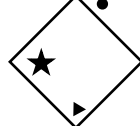
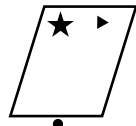
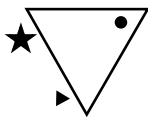
B

C

D

E

14



A

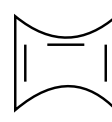
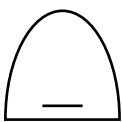
B

C

D

E

15



A

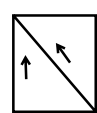
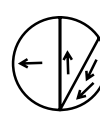
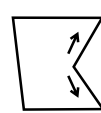
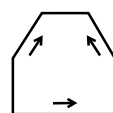
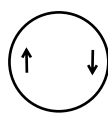
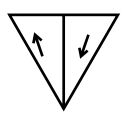
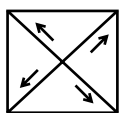
B

C

D

E

16



A

B

C

D

E

This is the end of NVR Sub-test 2.



NVR Sub-test 3 Practice Section

Take as much time as you need to read this example carefully and complete the practice question that follows.

Each big square on the left contains a shape pattern along with two code letters. The top letter represents one feature of the shape, while the bottom letter represents another. The same rule applies to all squares. A new big square is shown on the right with its code missing. Work out the pattern for the letters and choose the correct code from the five answer choices.

Example

	A		N		T		C
	P		B		P		B

|

C	N	N	A	T
P	B	P	B	P

ABCDE

A = Outer figure is circle

N = Outer figure is square

T = Outer figure is triangle

C = Outer figure is hexagon

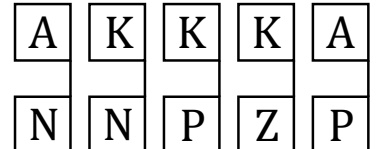
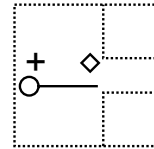
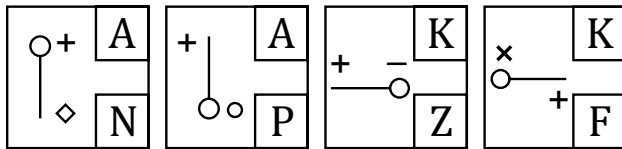
P = Same inner and outer figures

B = Different inner and outer figures



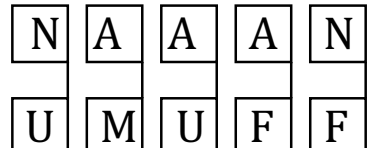
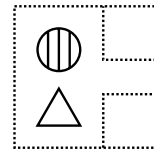
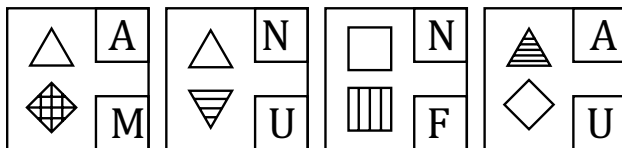
Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

1



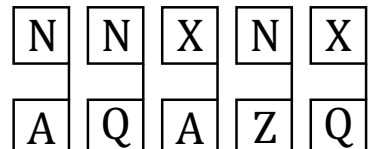
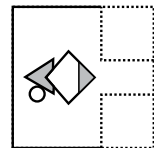
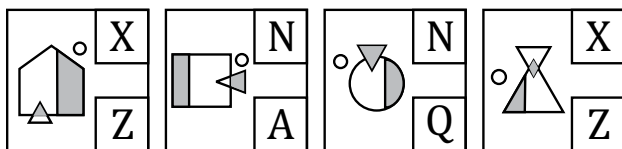
A B C D E

2



A B C D E

3



A B C D E

This is the end of NVR Sub-test 3 Practice Section.



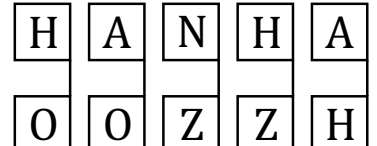
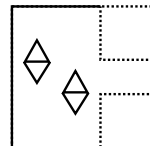
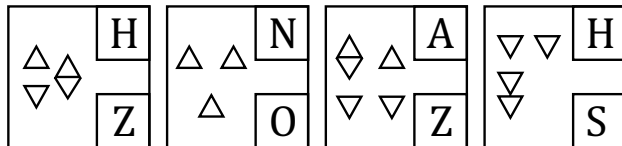


NVR Sub-test 3

You have **5 minutes** to complete these **eight questions**.
This section is **marked**.

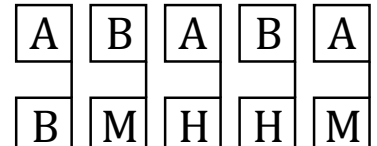
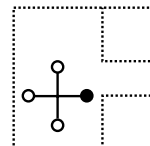
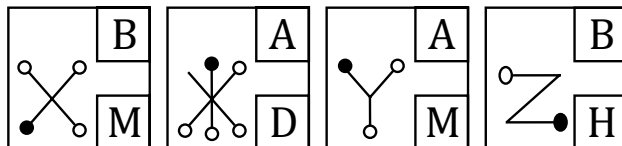
Each big square on the left contains a shape pattern along with two code letters. The top letter represents one feature of the shape, while the bottom letter represents another. The same rule applies to all squares. A new big square is shown on the right with its code missing. Work out the pattern for the letters and choose the correct code from the five answer choices. Mark its letter on your answer sheet.

17



A B C D E

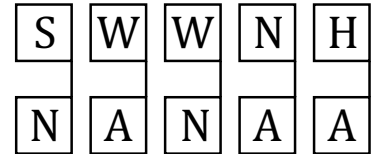
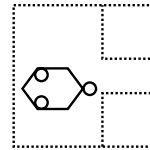
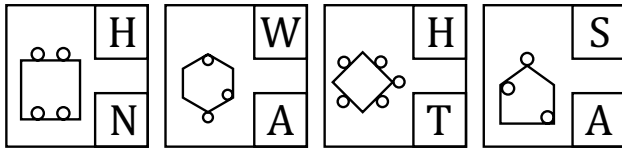
18



A B C D E

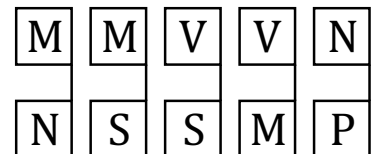
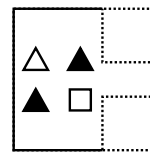
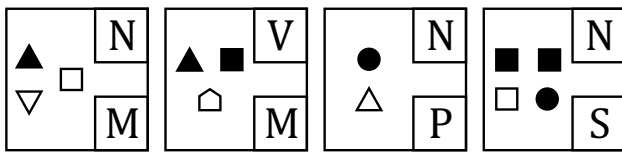


19



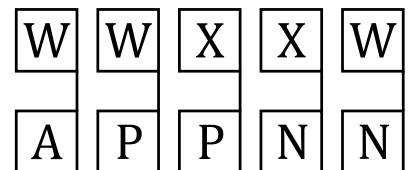
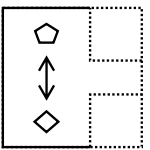
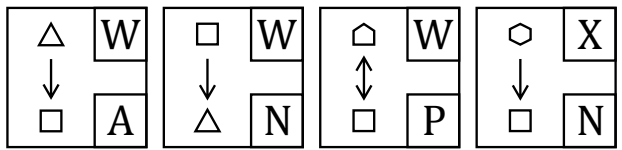
A B C D E

20



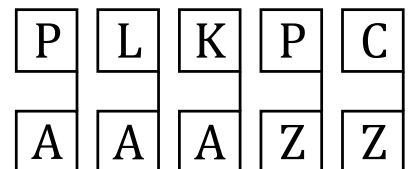
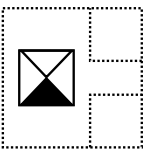
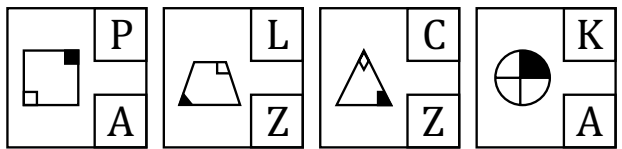
A B C D E

21



A B C D E

22

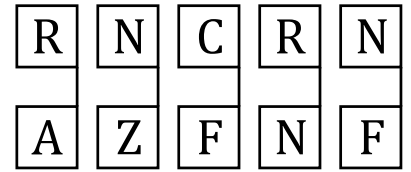
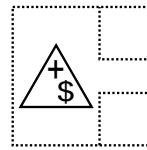
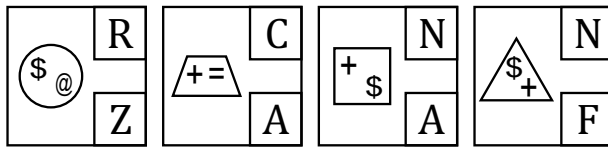


A B C D E

This is the end of NVR Sub-test 3.

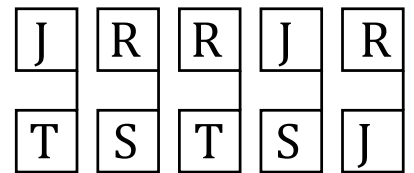
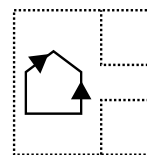
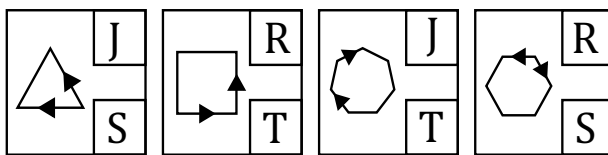


23



A B C D E

24



A B C D E

This is the end of NVR Sub-test 3.

11+ Kent

Paper 4 – Test 3

Spatial Reasoning

Instructions:

1. Do not turn over this page until instructed to do so.
2. There are **two sub-tests**.
3. Each sub-test begins with an untimed practice section, conducted with the invigilator.
 - The **first question** is solved with a detailed solution.
 - The remaining **three questions** are for you to attempt.
4. Each sub-test has **eight main questions**.
5. Each sub-test is timed individually (**4-5 minutes** per sub-test).
6. Total time for main questions is **10 minutes**.
7. Work quickly and carefully through the questions.
8. If you finish early, go back and check your work.
9. This is a **multiple-choice test**. Each question carries **1 mark**.

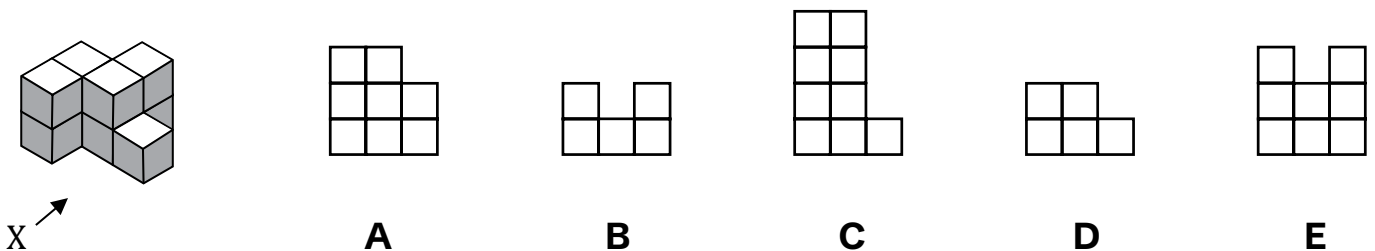


Spatial Reasoning Sub-test 1 Practice Section

Take as much time as you need to read this example carefully and complete the practice question that follows.

A 3D shape is shown on the left with a marked viewpoint (X). On the right, there are five 2D views. One of them represents the correct front view of the 3D shape when looked at from point X. Identify the correct 2D view.

Example



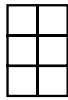
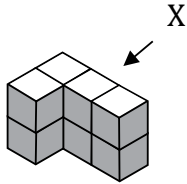
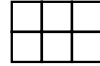
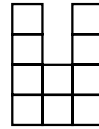
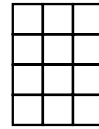
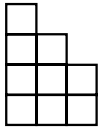
The correct answer is **D**.

*In this question, the shape involves a grid of blocks. When viewed from the side, there should be 5 blocks visible. This eliminates options A, C, and E. Additionally, there should be one block visible in the rightmost line, which rules out option B. Therefore, **D** is the correct option.*

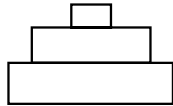
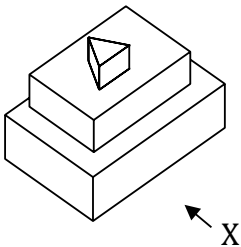
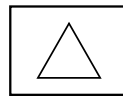
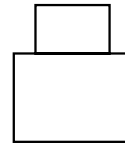
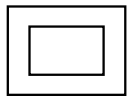


Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

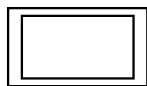
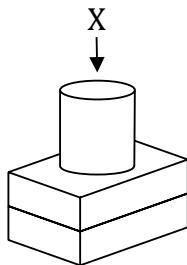
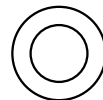
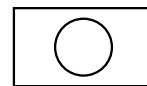
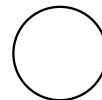
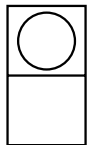
1

**A****B****C****D****E**

2

**A****B****C****D****E**

3

**A****B****C****D****E**

This is the end of Spatial Reasoning Sub-test 1 Practice section.





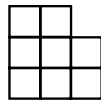
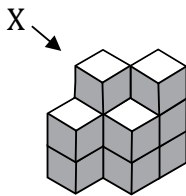
Spatial Reasoning Sub-test 1

You have **5 minutes** to complete these **eight questions**.

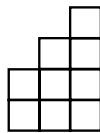
This section is **marked**.

A 3D shape is shown on the left with a marked viewpoint (X). On the right, there are five 2D views. One of them represents the correct front view of the 3D shape when looked at from point X. Identify the correct 2D view and mark its letter on your answer sheet.

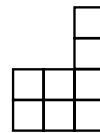
1



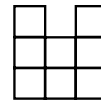
A



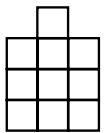
B



C

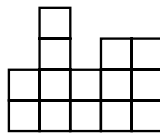
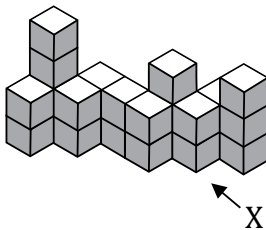


D

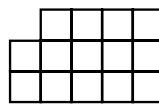


E

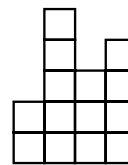
2



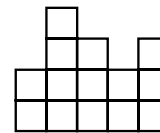
A



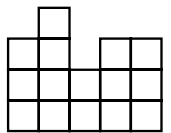
B



C

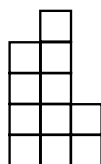
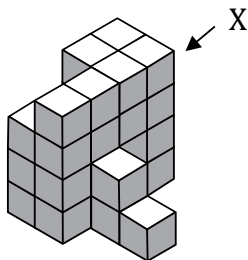


D

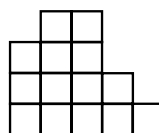


E

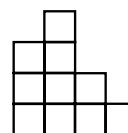
3



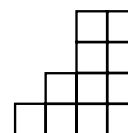
A



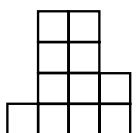
B



C



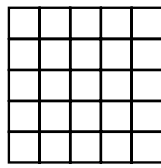
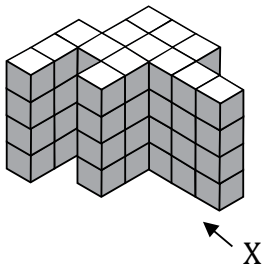
D



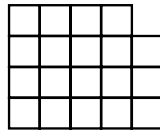
E



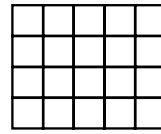
4



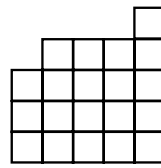
A



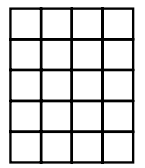
B



C

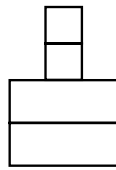
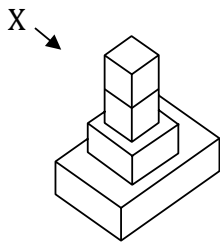


D

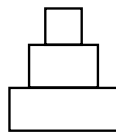


E

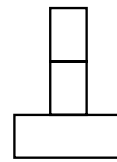
5



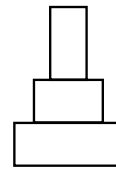
A



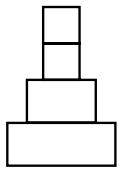
B



C

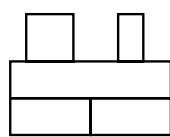
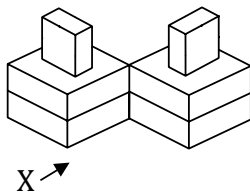


D

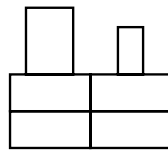


E

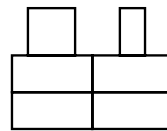
6



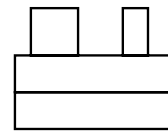
A



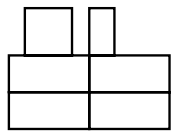
B



C



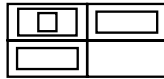
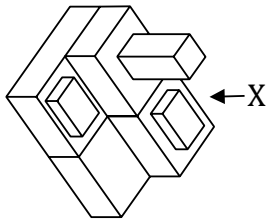
D



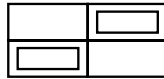
E



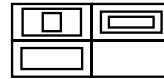
7



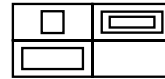
A



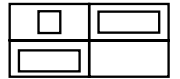
B



C

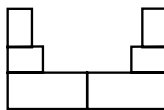
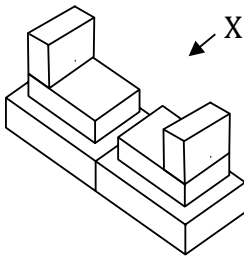


D

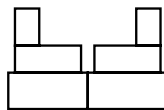


E

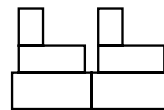
8



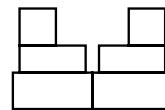
A



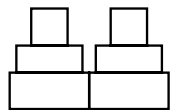
B



C



D



E

This is the end of Spatial Reasoning Sub-test 1.

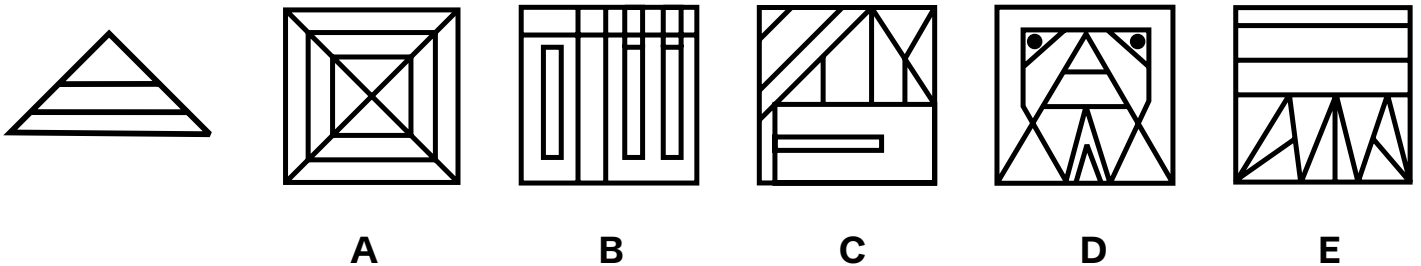


Spatial Reasoning Sub-test 2 Practice Section

Take as much time as you need to read this example carefully and complete the practice question that follows.

A small shape is shown on the left. On the right, there are five larger shapes, each containing multiple patterns. One of them hides the small shape within it. Identify the larger shape that contains the given small shape.

Example



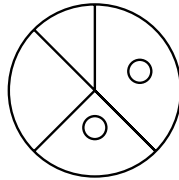
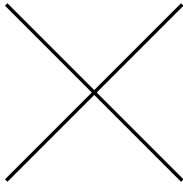
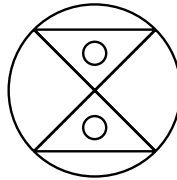
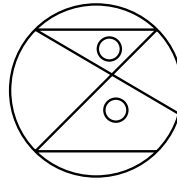
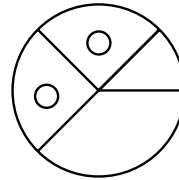
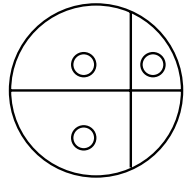
The correct answer is **A**.

In this question, we are asked to identify the figure that continues the pattern. The given figure is a triangle composed of smaller triangles stacked within it. The shape in option **A** follows the same pattern, where a square shape is composed of smaller sections, similar to a triangle. Each subsequent shape in the options represents a progression in complexity, but **A** correctly maintains the pattern with its arrangement of smaller sections forming a larger shape. This makes **A** the correct answer.

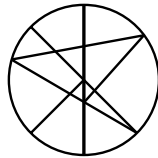
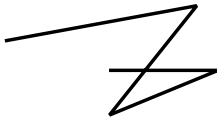
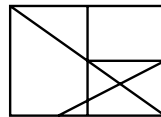
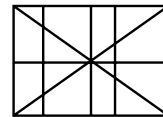
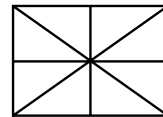
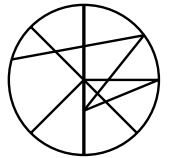


Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

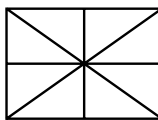
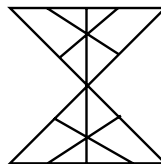
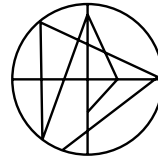
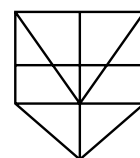
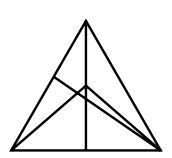
1

**A****B****C****D****E**

2

**A****B****C****D****E**

3

**A****B****C****D****E**

This is the end of Spatial Reasoning Sub-test 2 Practice section.





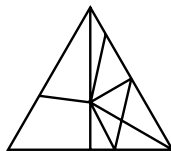
Spatial Reasoning Sub-test 2

You have **5 minutes** to complete these **eight questions**.

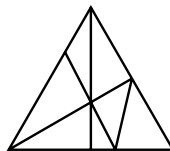
This section is **marked**.

A small shape is shown on the left. On the right, there are five larger shapes, each containing multiple patterns. One of them hides the small shape within it. Identify the larger shape that contains the given small shape and mark its letter on your answer sheet.

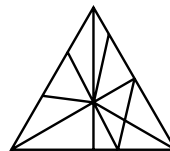
9



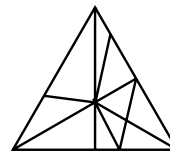
A



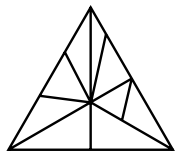
B



C

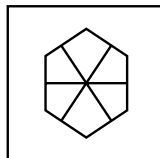


D



E

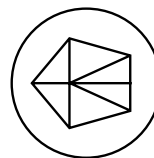
10



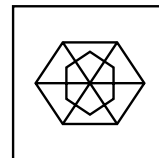
A



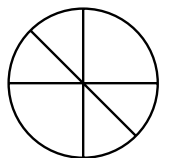
B



C

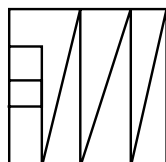
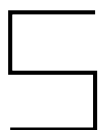


D

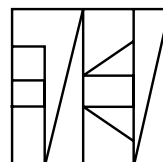


E

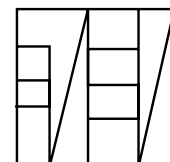
11



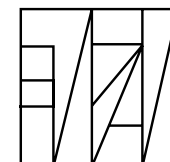
A



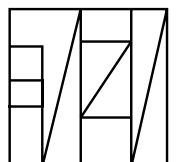
B



C



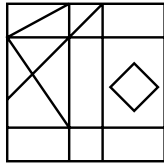
D



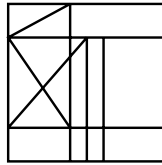
E



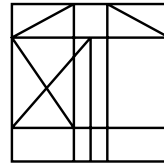
12



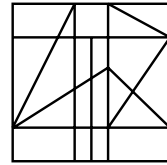
A



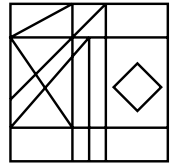
B



C

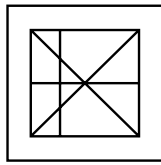
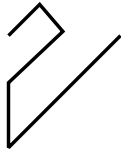


D

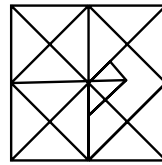


E

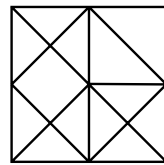
13



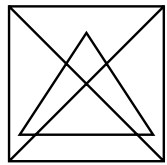
A



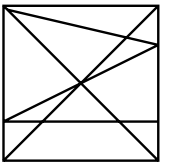
B



C

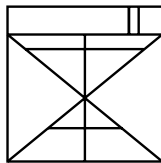
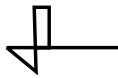


D

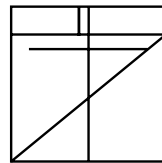


E

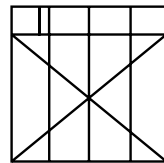
14



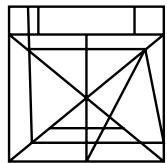
A



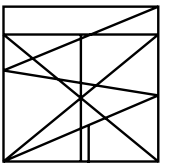
B



C



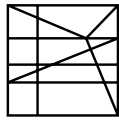
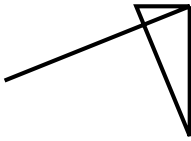
D



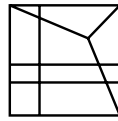
E



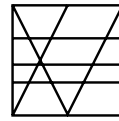
15



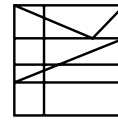
A



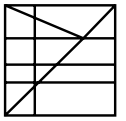
B



C

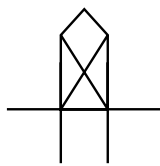
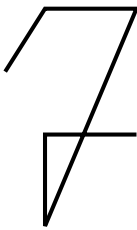


D

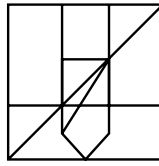


E

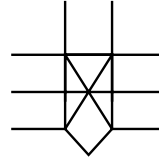
16



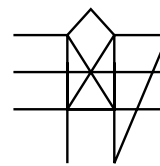
A



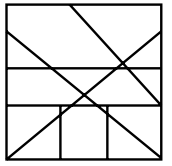
B



C



D



E

This is the end of Spatial Reasoning Sub-test 2.



© piacademy.co.uk - All rights reserved

Visit piacademy.co.uk/11-plus-papers to check the 'answers'

11+ Kent VR, NVR & Spatial Reasoning Tests

☒ 4 Full-Length papers

☒ 600+ Questions

☒ Detailed Answers

☒ Topic-wise Exercises



11+ Kent

Paper 4 – Session 1

Instructions:

1. Do not turn over this page until instructed to do so.
2. This paper contains **three tests**:
 - Test 1: **Verbal Reasoning (VR)**
 - Test 2: **Non-Verbal Reasoning (NVR)**
 - Test 3: **Spatial Reasoning**
3. Each test contains specific instructions. Read them carefully before starting.
4. Listen carefully to the **instructions read out by the invigilator**. They will guide you through the test process.
5. Check that your **name** and **date of birth** are correctly shown on the answer sheet.
6. In the answer sheet, **mark** the correct answer by **drawing a line with your pencil** through the small rectangular box beside it like this. 
7. You must make sure that you **mark your answer in the box** that has the **same question number** as the question you are doing in the paper.
8. If you make a mistake, rub out your mark as well as you can and mark your new answer.
9. The answer sheet will be marked by a computer.
10. You may **do any rough work** on the **question paper**.
11. This is a **multiple-choice test**. Each question carries **1 mark**.
12. At the bottom of each page in the paper are instructions mentioned below telling you:

to stop

Do not turn the page until told to do so 

to go on

Please go on to the next page >>>

or whether you have reached the end of the section/test.

END OF REASONING TEST

11+ Kent

Paper 4 - Test 1

Verbal Reasoning

Instructions:

1. Do not turn over this page until instructed to do so.
2. There are two timed sections: **practice and main section**.
3. The test begins with a **10-minute** practice section.
4. The practice section includes **15 questions**.
 - The **first question** for each question type is solved with a detailed solution.
 - The remaining questions are for you to attempt.
5. The practice section is followed by the main questions.
6. Total time for the main questions is **20 minutes**.
7. Work quickly and carefully through the questions.
8. If you finish early, go back and check your work.
9. This is a **multiple-choice test**. Each question carries **1 mark**.



Verbal Reasoning: Practice Section (10 mins)

In these questions, find two words, one from each group, that together make one correctly spelt word, without changing the order of the letters. The word from the first group always comes first.

Example

(sea see set) (cure soft port)

A sea cure **B** see soft **C** set port **D** sea port **E** see cure

*The answer is **sea port**. The two words are "sea" from the first group and "port" from the second group, forming the word "seaport." These are the only two words that correctly combine into a real word.*

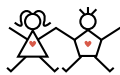
Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

1 (wash sleep drive) (room globe plant)

- A** sleep room **B** drive plant **C** wash globe
D wash room **E** drive globe

2 (storm cloud thunder) (drift drop strike)

- A** storm drift **B** cloud drop **C** thunder strike
D cloud strike **E** storm drop



In these questions, two groups of three words are given. The words in the first group follow a pattern to form a specific middle word. The second group must follow the same pattern, but one word is missing. Find the missing word in the second group.

Example

(vile [vet] fact) (sale [?] blow)

A set **B** net **C** sew **D** bet **E** get

*The answer is **sew**. In the first group, the first and last letter of 'vile' and the first letter of 'fact' combine to form 'vet'. Using the same pattern, the first two letters of 'sale' and the first letter of 'blow' combine to form 'sew'.*

Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

3

(feed [fear] tarp) (task [?] mill)

A tail **B** mail **C** sail **D** hail **E** tall

4

(cost [code] dine) (hold [?] line)

A hole **B** hale **C** pole **D** mile **E** mole



In these questions, you are given a sequence of numbers that follow a particular pattern. Find the number that logically continues the sequence.

Example

9 18 36 72 [?]

A 144 **B** 140 **C** 120 **D** 150 **E** 130

*The answer is **A** as in this series, each number is **multiplied** by 2. The next number is, $72 \times 2 = 144$. Series can follow different operations (+, -, $\times$, $\div$) or have alternating patterns (e.g., one sequence for odd positions, another for even)*

Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

5

40 35 30 25 [?]

A 20 **B** 21 **C** 22 **D** 24 **E** 23

6

7 11 8 10 [?]

A 7 **B** 11 **C** 8 **D** 10 **E** 9



In these questions, find the number that will complete the sum correctly. The only operations that will be used are multiply, divide, add, and subtract.

Example

$$45 \div 9 + 7 \times 3 = 5 \times 4 + 2 \times [?]$$

A 3 B 5 C 7 D 6 E 4

The answer is 3. The sum on the left is $45 \div 9 + 7 \times 3 = 5 + 21 = 26$. The right-hand side must also equal 26. Since $5 \times 4 = 20$, adding $2 \times 3 = 6$ balances both sides. Thus, the missing number is 3.

Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

7

$$12 + 28 + 14 = 60 \div 2 + 12 + [?]$$

A 10 B 11 C 12 D 13 E 14

8

$$54 + 17 - 8 = 9 \times 4 \times 2 - [?]$$

A 6 B 9 C 12 D 15 E 19



In these questions, find the two words, one from each group, that are most opposite in meaning.

Example

(bright dull vivid) (dark muted pale)

- A** bright dark **B** dull pale **C** vivid dark
D dull muted **E** vivid pale

*The answer is **bright dark**. The word ‘bright’ means full of light, while ‘dark’ means lacking light, making them most opposite in meaning.*

Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

9 (rapid sluggish brisk) (slow relaxed steady)

- A** rapid relaxed **B** brisk relaxed **C** sluggish steady
D rapid slow **E** brisk slow

10 (transparent visible opaque) (clear obscure open)

- A** transparent clear **B** transparent obscure **C** opaque clear
D opaque open **E** visible obscure



In these questions, find two words, one from each group, that are closest in meaning.

Example

(friendly loyal helpful) (hostile selfish cooperative)

- A** friendly hostile **B** loyal selfish **C** helpful cooperative
D friendly cooperative **E** loyal hostile

*The answer is **helpful cooperative**. The word 'helpful' means **giving or ready** to give help, while 'cooperative' means **willing to work together or to help**, making them closest in meaning.*

Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

11

(vigilant observant perceptive) (aware heedful cognizant)

- A** vigilant aware **B** observant cognizant **C** vigilant heedful
D perceptive aware **E** observant heedful

12

(evil virtuous moral) (wicked honest upright)

- A** evil wicked **B** virtuous upright **C** evil upright
D honest wicked **E** virtuous wicked



In these questions, a word in capitals is missing three consecutive letters. These letters form a correctly spelled word. Choose the option that completes the word correctly so the sentence makes sense.

Example

The explorers found a mysterious C H [] [] [] E R in the jungle.

A LAD **B** LAW **C** AMB **D** RAW **E** RED

*The answer is **AMB**. The missing three-letter word from **CH[][][]ER** is **AMB**. Completing the word as **CHAMBER** forms a meaningful word that fits the sentence.*

Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

13

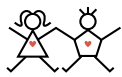
The campers set up their T [] [] [] S near the river.

A TIN **B** ENT **C** TON **D** TAP **E** TOP

14

The archaeologist uncovered a golden T [] [] [] E T from the ruins.

A ABL **B** BAL **C** LAB **D** IBL **E** OTB



In these questions, choose the word that best completes the sentence.

Example

Despite his initial shyness, he proved to be a very _____ speaker once he got on stage.

A quiet **B** timid **C** engaging **D** reserved **E** hesitant

*The answer is **engaging**. The phrase "despite his initial shyness" suggests that he overcame his shyness to become an effective speaker. **Engaging** means captivating or able to hold attention, making it the correct choice.*

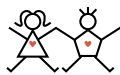
Now try the practice question below. Work out the correct answer and mark it on the answer sheet.

15

Even though the recipe looked complicated, it was surprisingly _____ to make.

A difficult **B** intricate **C** simple **D** elaborate **E** complex





Verbal Reasoning

You have **20 minutes** to complete these **32 questions**.

This section is **marked**.

In these questions, find two words, one from each group, that together make one correctly spelt word, without changing the order of the letters. The word from the first group always comes first. Find both the words and mark the correct answer on the answer sheet.

1 (school book note) (clip pen mark)

- A** school pen **B** book clip **C** note mark
D school clip **E** book mark

2 (fire flame ember) (fly bug insect)

- A** flame fly **B** ember bug **C** fire insect
D flame bug **E** fire fly

3 (bed mattress sheet) (room chamber suite)

- A** mattress chamber **B** sheet suite **C** bed suite
D mattress suite **E** bed room



4

(storm rain weather) (arc bow bend)

A storm arc

B rain bow

C weather bend

D storm bow

E rain arc



In these questions, two groups of three words are given. The words in the first group follow a pattern to form a specific middle word. The second group must follow the same pattern, but one word is missing. Find the missing word in the second group and mark the correct answer in the answer sheet.

5

(crow [cold] lids) (wait [?] lade)

A tame **B** calm **C** wild **D** slow **E** free**6**

(copper [coal] salad) (marker [?] window)

A maid **B** mane **C** mail **D** main **E** mean**7**

(moral [mask] sink) (molar [?] rusk)

A sign **B** aim **C** mark **D** note **E** point**8**

(paper [palm] elm) (pencil [?] eel)

A peel **B** peal **C** peep **D** peer **E** peet



In these questions, you are given a sequence of numbers that follow a particular pattern. Find the number that logically continues the sequence and mark the correct answer on the answer sheet.

9

3 6 9 12 15 [?]

A 21**B** 27**C** 18**D** 24**E** 30

10

4 12 6 18 9 [?]

A 18**B** 27**C** 36**D** 45**E** 54

11

1 1 2 3 5 [?] 13

A 5**B** 8**C** 10**D** 14**E** 17

12

1 3 6 10 15 [?]

A 16**B** 12**C** 14**D** 18**E** 21



In these questions, find the number that will complete the sum correctly. The only operations that will be used are multiply, divide, add, and subtract and mark the correct answer on the answer sheet.

13

$$64 \div 8 \times 3 + 5 = 24 - 7 + [?]$$

- A** 12 **B** 6 **C** 4 **D** 8 **E** 10

14

$$81 \div 9 \times 4 = 15 + 3 \times [?]$$

- A** 2 **B** 5 **C** 7 **D** 8 **E** 10

15

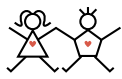
$$50 - 12 \div 4 - 8 \times 2 = 36 - 5 \times [?]$$

- A** 1 **B** 5 **C** 2 **D** 3 **E** 4

16

$$18 \div 3 + 6 \times 5 - 12 = 14 + 5 \times [?]$$

- A** 2 **B** 4 **C** 1 **D** 3 **E** 5



In these questions, find the two words, one from each group, that are most opposite in meaning and mark the correct answer on the answer sheet.

17

(vibrant spirited dynamic) (dull lifeless inert)

- A** vibrant dull **B** spirited inert **C** dynamic lifeless
D spirited dull **E** vibrant inert

18

(truth honesty integrity) (deception fraud sincerity)

- A** truth deception **B** honesty fraud **C** integrity sincerity
D honesty deception **E** integrity fraud

19

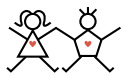
(obliging considerate amiable) (useless ineffective worthless)

- A** obliging ineffective **B** considerate useless
C obliging useless **D** amiable worthless
E considerate worthless

20

(peace calm harmony) (war chaos serenity)

- A** peace war **B** calm chaos **C** harmony serenity
D peace choas **E** harmony war



In these questions, find the two words, one from each group, that are closest in meaning and mark the correct answer on the answer sheet.

21

(arid barren desolate) (moist lush parched)

- A** arid moist **B** barren lush **C** desolate parched
D arid parched **E** desolate moist

22

(large trivial cunning) (sly small immense)

- A** large sly **B** trivial small **C** cunning immense
D large immense **E** trivial cunning

23

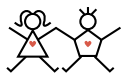
(forbid amuse aid) (assist entertain prohibit)

- A** forbid assist **B** amuse entertain **C** aid prohibit
D amuse assist **E** forbid entertain

24

(enrage obey quick) (rapid follow infuriate)

- A** enrage rapid **B** obey follow **C** quick infuriate
D enrage follow **E** obey rapid



In these questions, a word in capitals is missing three consecutive letters. These letters form a correctly spelled word. Choose the option that completes the word correctly so the sentence makes sense and mark the correct answer on the answer sheet.

25

The mechanic reached for the H [] [] [] LE to tighten the bolt.

- A** AND **B** ANT **C** END **D** DAN **E** HAN

26

The nurse quickly applied a BAN [] [] [] E to the wound.

- A** DAG **B** BAG **C** GAD **D** AGE **E** DAN

27

It was an honest MIS [] [] [] E that anyone could have made.

- A** TAK **B** STA **C** AKE **D** TIK **E** SIK

28

The book was filled with magical FAN [] [] [] Y creatures.

- A** TAS **B** TAN **C** FAN **D** SYT **E** ANT



In these questions, choose the word that best completes the sentence and mark the correct answer on the answer sheet.

29

Despite the _____ terrain, the hikers managed to reach the summit.

- A** flat **B** easy **C** gentle **D** challenging **E** smooth

30

The room was in complete _____, with clothes and books scattered everywhere.

- A** order **B** neatness **C** tidiness **D** harmony **E** chaos

31

The sudden loud noise caused a moment of _____ among the crowd.

- A** joy **B** amusement **C** relief **D** fear **E** calmness

32

She is a very _____ friend who I can always rely on.

- A** unreliable **B** fickle **C** dependable
D inconsistent **E** capricious

11+ Kent

Paper 4 - Test 2

Non-Verbal Reasoning

Instructions:

1. Do not turn over this page until instructed to do so.
2. There are **three sub-tests**.
3. Each sub-test begins with an untimed practice section, conducted with the invigilator.
 - The **first question** is solved with a detailed solution.
 - The remaining **three questions** are for you to attempt.
4. Each sub-test has **eight** main questions.
5. Each sub-test is timed individually (**5 minutes** per sub-test).
6. Total time for main questions is **15 minutes**.
7. Work quickly and carefully through the questions.
8. If you finish early, go back and check your work.
9. This is a **multiple-choice test**. Each question carries **1 mark**.

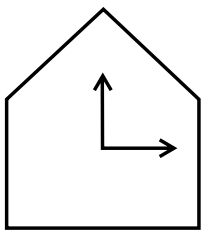
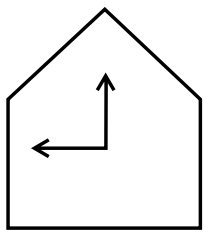
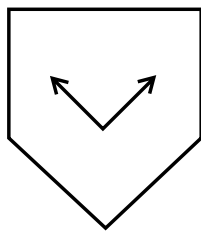
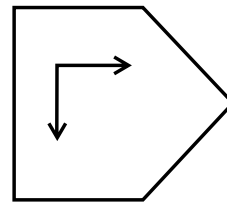
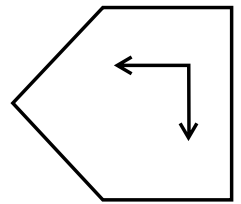


NVR Sub-test 1 Practice Section

Take as much time as you need to read this example carefully and complete the practice question that follows.

In each of the rows below there are five figures. Find the figure in each row that is most unlike the other four

Example

**A****B****C****D****E**

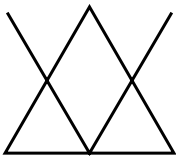
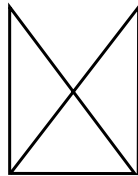
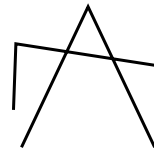
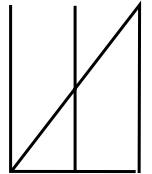
The correct answer is **C**.

*In all other figures, the arrows are consistently pointing in vertical and horizontal directions, maintaining a uniform alignment. However, in Option **C**, the arrows are positioned diagonally rather than following the same directional pattern. This inconsistency makes Option **C** the odd one out.*

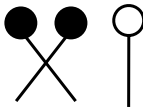
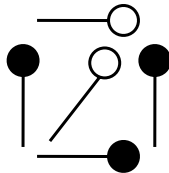
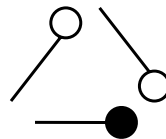
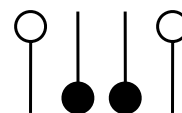
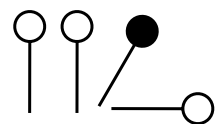


Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

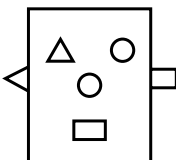
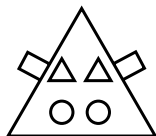
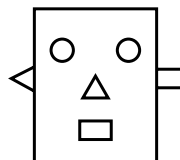
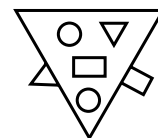
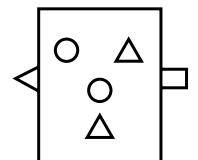
1

**A****B****C****D****E**

2

**A****B****C****D****E**

3

**A****B****C****D****E**

This is the end of NVR Sub-test 1 Practice Section.



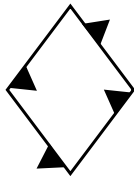
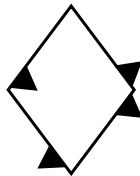
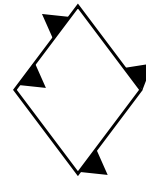
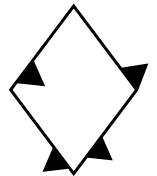


NVR Sub-test 1

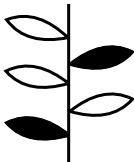
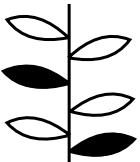
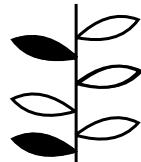
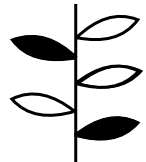
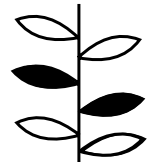
You have **5 minutes** to complete these **eight questions**.
This section is **marked**.

In each of the rows below there are five figures. Find the figure in each row that is most unlike the other four and mark its letter on the answersheet.

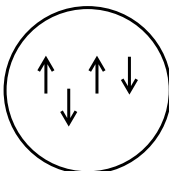
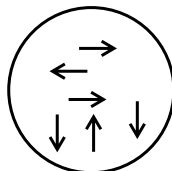
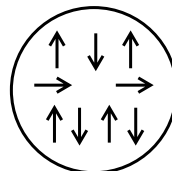
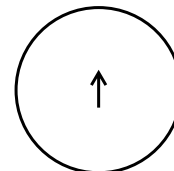
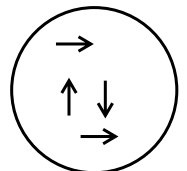
1

**A****B****C****D****E**

2

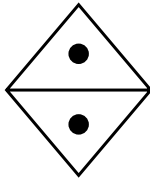
**A****B****C****D****E**

3

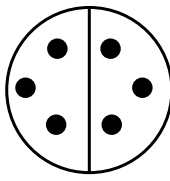
**A****B****C****D****E**



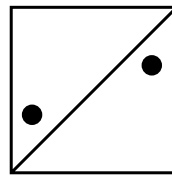
4



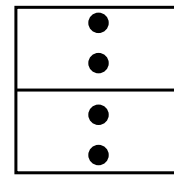
A



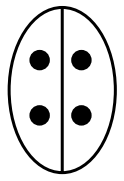
B



C

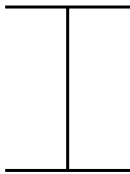


D

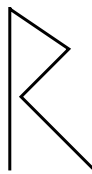


E

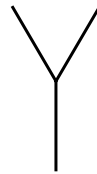
5



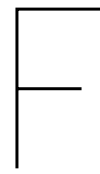
A



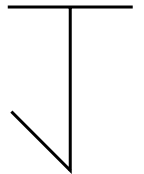
B



C

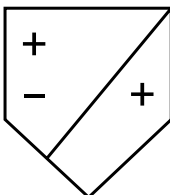


D

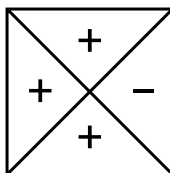


E

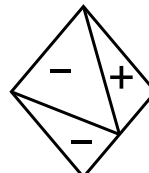
6



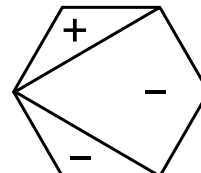
A



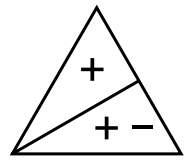
B



C



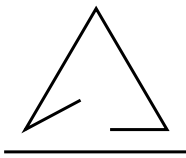
D



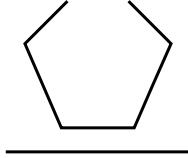
E



7



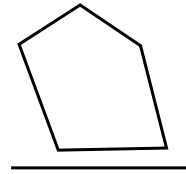
A



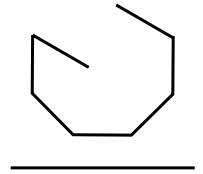
B



C

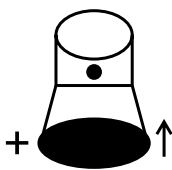


D

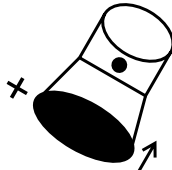


E

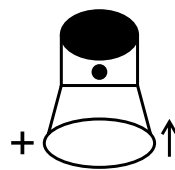
8



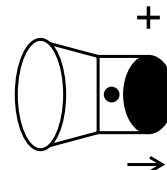
A



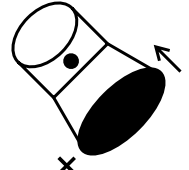
B



C



D



E

This is the end of NVR Sub-test 1.

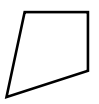
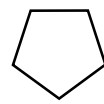
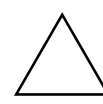
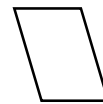
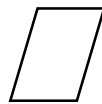
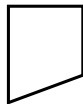
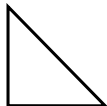


NVR Sub-test 2 Practice Section

Take as much time as you need to read this example carefully and complete the practice question that follows.

***On the left, three shapes share a common pattern or rule.
From the five answer choices on the right, select the shape that
follows the same pattern as the ones on the left.***

Example

**A****B****C****D****E**

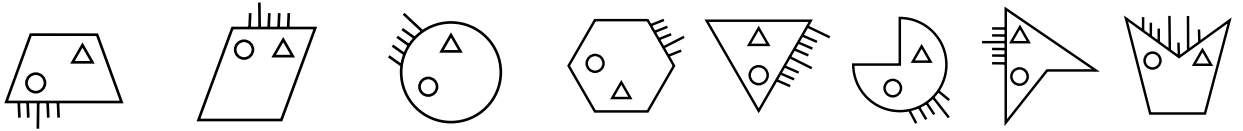
*The correct answer is **E**.*

Each figure has at least one straight horizontal line and one straight vertical line.



Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

1



A

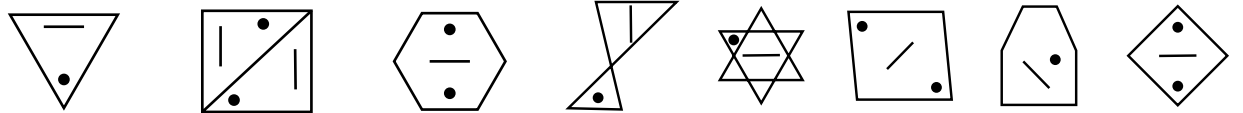
B

C

D

E

2



A

B

C

D

E

3



A

B

C

D

E

This is the end of NVR Sub-test 2 Practice Section.



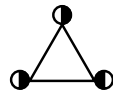
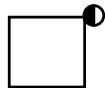


NVR Sub-test 2

You have **5 minutes** to complete these **eight questions**.
This section is **marked**.

**On the left, three shapes share a common pattern or rule.
From the five answer choices on the right, select the shape that
follows the same pattern as the ones on the left and mark its
letter on your answer sheet.**

9



A

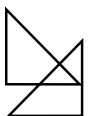
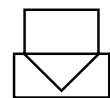
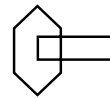
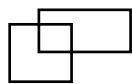
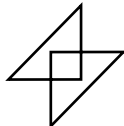
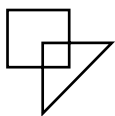
B

C

D

E

10



A

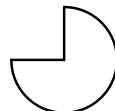
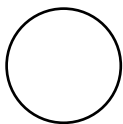
B

C

D

E

11



A

B

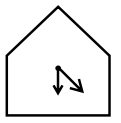
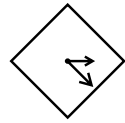
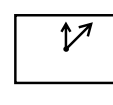
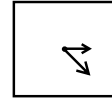
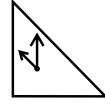
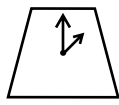
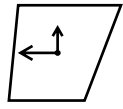
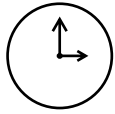
C

D

E



12



A

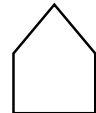
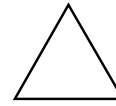
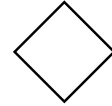
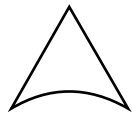
B

C

D

E

13



A

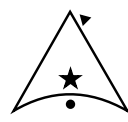
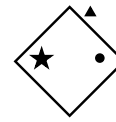
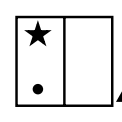
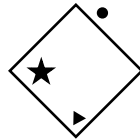
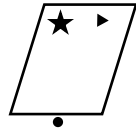
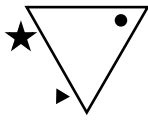
B

C

D

E

14



A

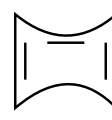
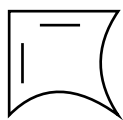
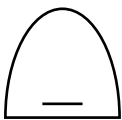
B

C

D

E

15



A

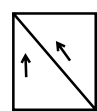
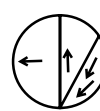
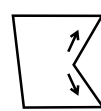
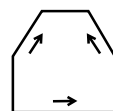
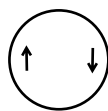
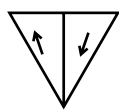
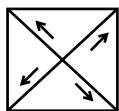
B

C

D

E

16



A

B

C

D

E

This is the end of NVR Sub-test 2.



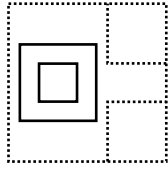
NVR Sub-test 3 Practice Section

Take as much time as you need to read this example carefully and complete the practice question that follows.

Each big square on the left contains a shape pattern along with two code letters. The top letter represents one feature of the shape, while the bottom letter represents another. The same rule applies to all squares. A new big square is shown on the right with its code missing. Work out the pattern for the letters and choose the correct code from the five answer choices.

Example

	A		N		T		C
	P		B		P		B



C	N	N	A	T
P	B	P	B	P

A B C D E

A = Outer figure is circle

N = Outer figure is square

T = Outer figure is triangle

C = Outer figure is hexagon

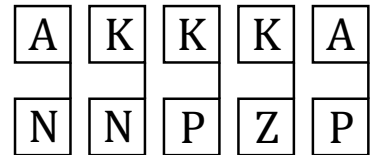
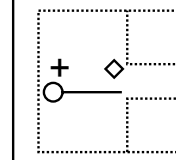
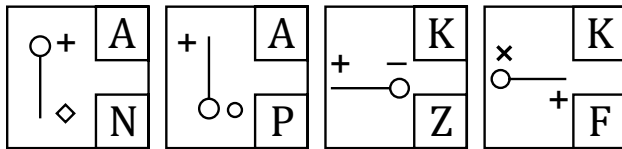
P = Same inner and outer figures

B = Different inner and outer figures



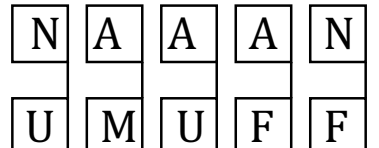
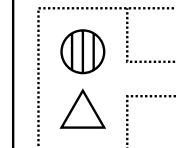
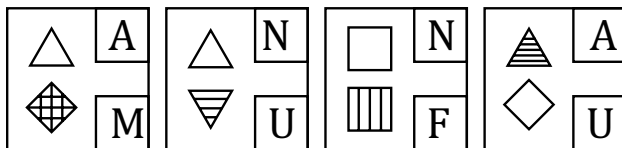
Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

1



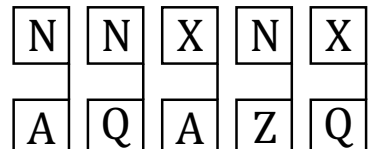
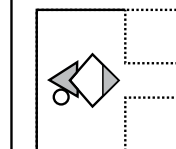
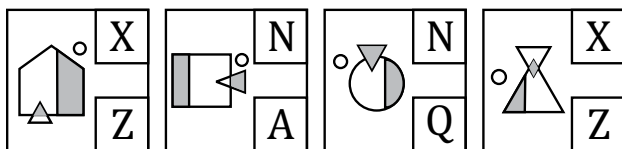
A B C D E

2



A B C D E

3



A B C D E

This is the end of NVR Sub-test 3 Practice Section.



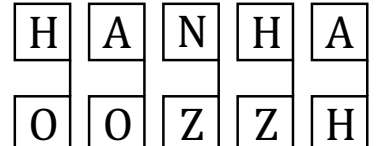
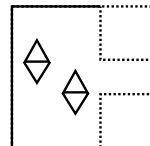
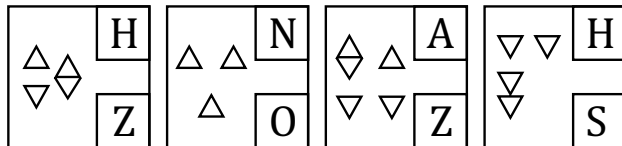


NVR Sub-test 3

You have **5 minutes** to complete these **eight questions**.
This section is **marked**.

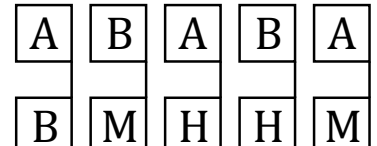
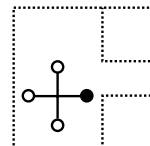
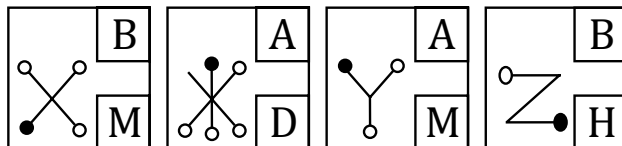
Each big square on the left contains a shape pattern along with two code letters. The top letter represents one feature of the shape, while the bottom letter represents another. The same rule applies to all squares. A new big square is shown on the right with its code missing. Work out the pattern for the letters and choose the correct code from the five answer choices. Mark its letter on your answer sheet.

17



A B C D E

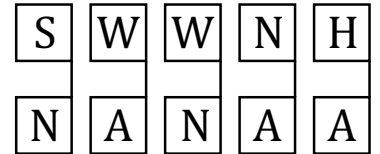
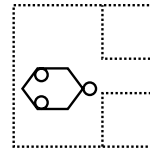
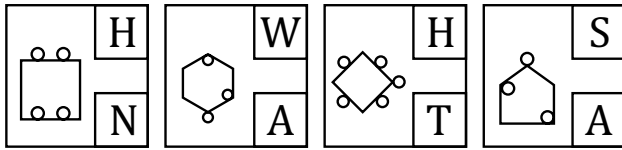
18



A B C D E

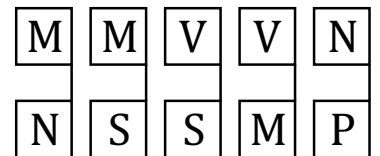
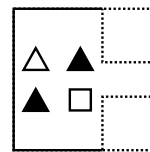
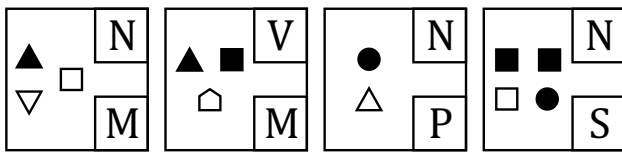


19



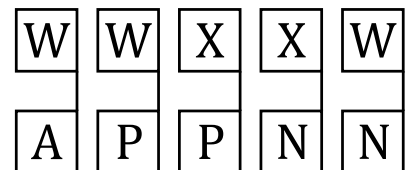
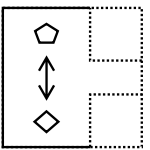
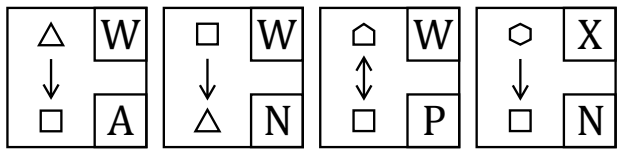
A B C D E

20



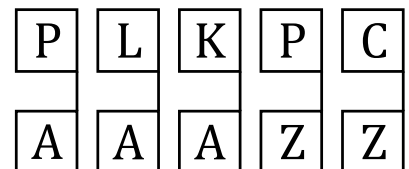
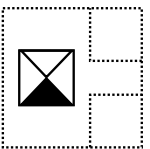
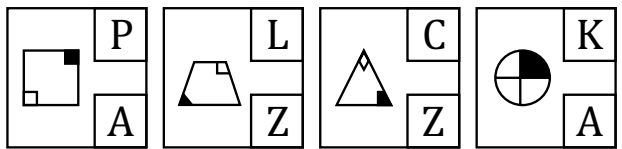
A B C D E

21



A B C D E

22

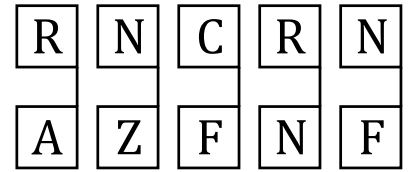
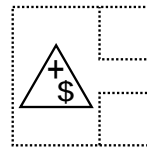
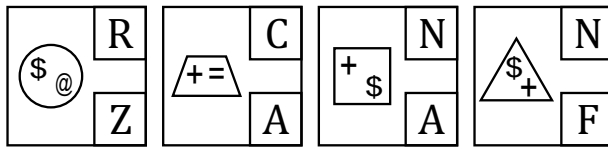


A B C D E

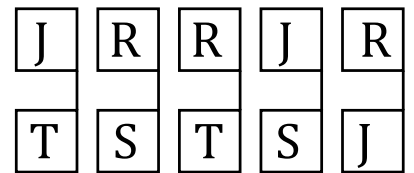
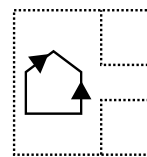
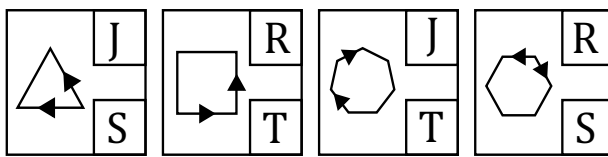
This is the end of NVR Sub-test 3.



23

**A B C D E**

24

**A B C D E****This is the end of NVR Sub-test 3.**

11+ Kent

Paper 4 – Test 3

Spatial Reasoning

Instructions:

1. Do not turn over this page until instructed to do so.
2. There are **two sub-tests**.
3. Each sub-test begins with an untimed practice section, conducted with the invigilator.
 - The **first question** is solved with a detailed solution.
 - The remaining **three questions** are for you to attempt.
4. Each sub-test has **eight main questions**.
5. Each sub-test is timed individually (**4-5 minutes** per sub-test).
6. Total time for main questions is **10 minutes**.
7. Work quickly and carefully through the questions.
8. If you finish early, go back and check your work.
9. This is a **multiple-choice test**. Each question carries **1 mark**.

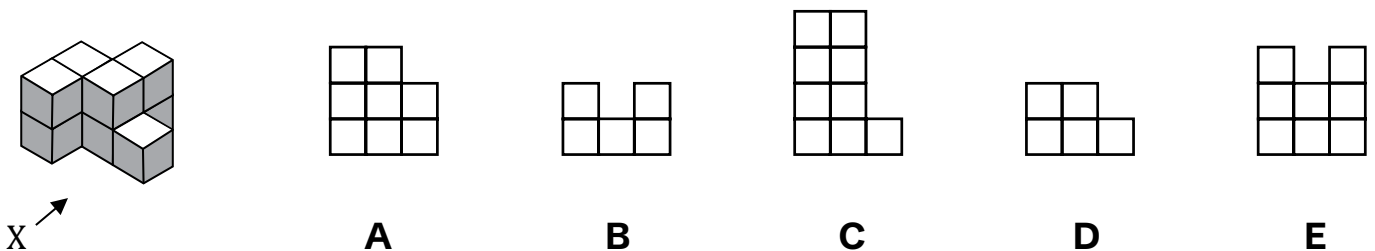


Spatial Reasoning Sub-test 1 Practice Section

Take as much time as you need to read this example carefully and complete the practice question that follows.

A 3D shape is shown on the left with a marked viewpoint (X). On the right, there are five 2D views. One of them represents the correct front view of the 3D shape when looked at from point X. Identify the correct 2D view.

Example



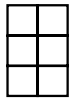
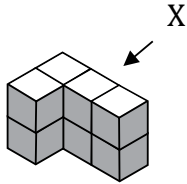
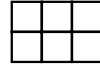
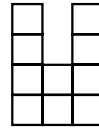
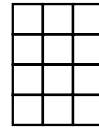
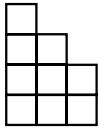
The correct answer is **D**.

*In this question, the shape involves a grid of blocks. When viewed from the side, there should be 5 blocks visible. This eliminates options A, C, and E. Additionally, there should be one block visible in the rightmost line, which rules out option B. Therefore, **D** is the correct option.*

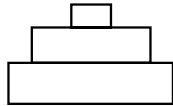
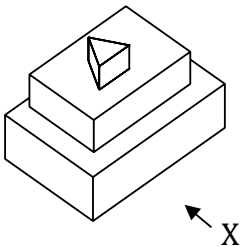
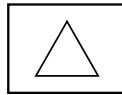
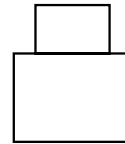
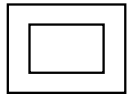


Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

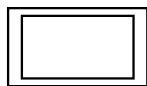
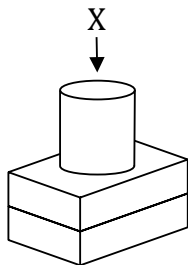
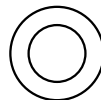
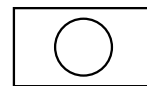
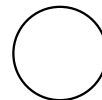
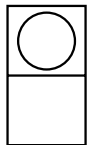
1

**A****B****C****D****E**

2

**A****B****C****D****E**

3

**A****B****C****D****E**

This is the end of Spatial Reasoning Sub-test 1 Practice section.





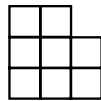
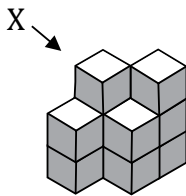
Spatial Reasoning Sub-test 1

You have **5 minutes** to complete these **eight questions**.

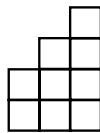
This section is **marked**.

A 3D shape is shown on the left with a marked viewpoint (X). On the right, there are five 2D views. One of them represents the correct front view of the 3D shape when looked at from point X. Identify the correct 2D view and mark its letter on your answer sheet.

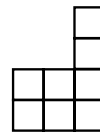
1



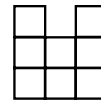
A



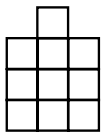
B



C

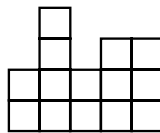
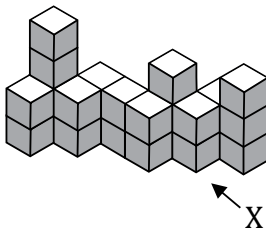


D

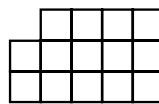


E

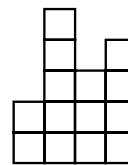
2



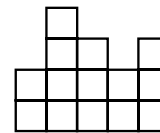
A



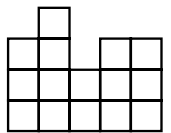
B



C

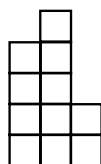
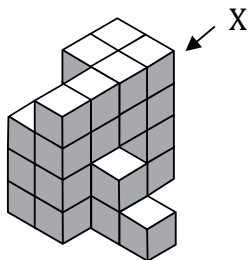


D

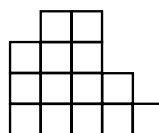


E

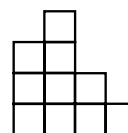
3



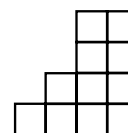
A



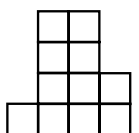
B



C



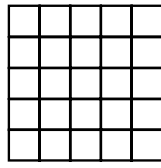
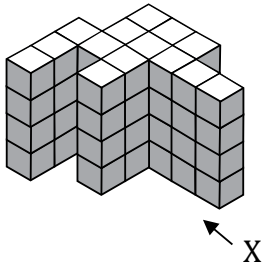
D



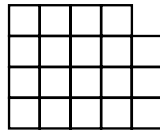
E



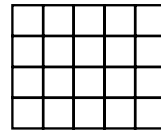
4



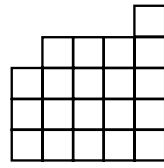
A



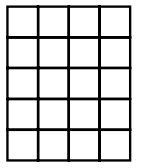
B



C

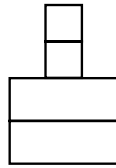
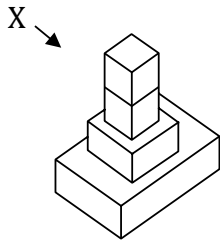


D

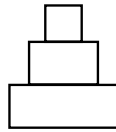


E

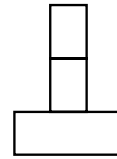
5



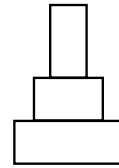
A



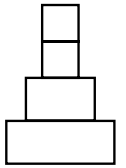
B



C

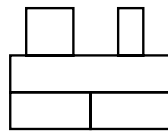
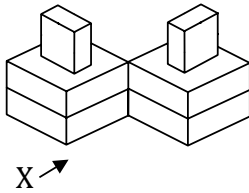


D

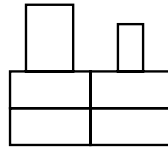


E

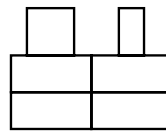
6



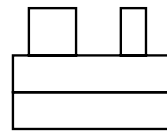
A



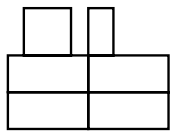
B



C



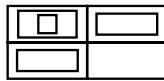
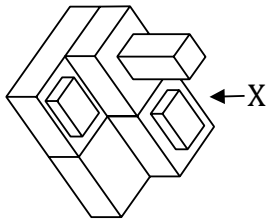
D



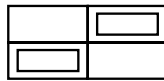
E



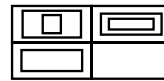
7



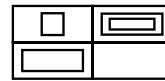
A



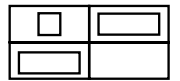
B



C

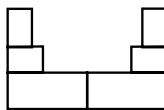
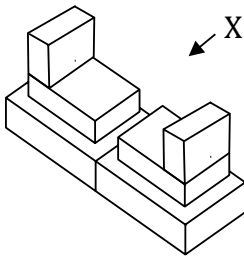


D

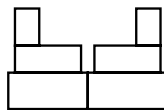


E

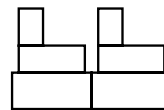
8



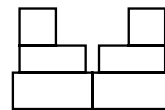
A



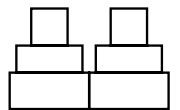
B



C



D



E

This is the end of Spatial Reasoning Sub-test 1.

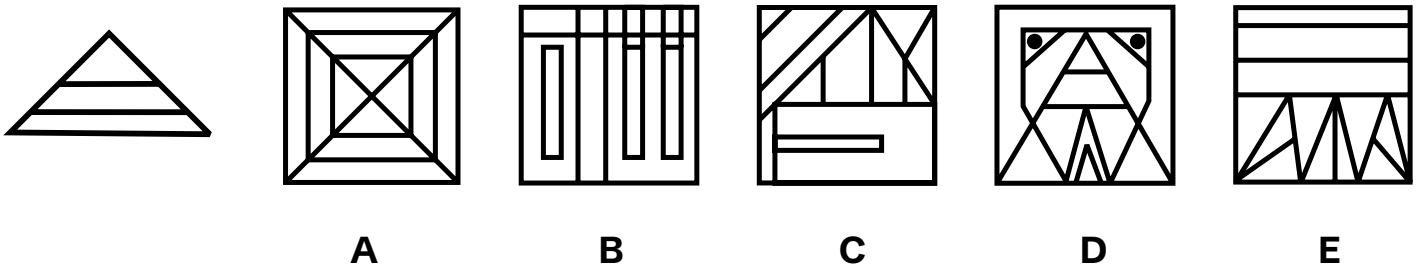


Spatial Reasoning Sub-test 2 Practice Section

Take as much time as you need to read this example carefully and complete the practice question that follows.

A small shape is shown on the left. On the right, there are five larger shapes, each containing multiple patterns. One of them hides the small shape within it. Identify the larger shape that contains the given small shape.

Example



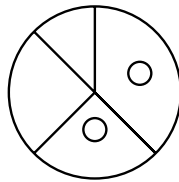
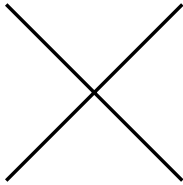
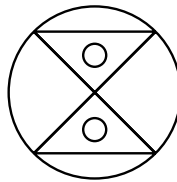
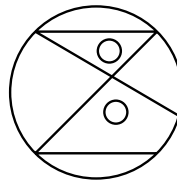
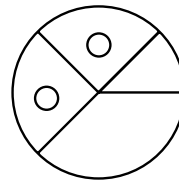
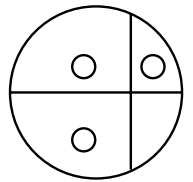
*The correct answer is **A**.*

*In this question, we are asked to identify the figure that continues the pattern. The given figure is a triangle composed of smaller triangles stacked within it. The shape in option **A** follows the same pattern, where a square shape is composed of smaller sections, similar to a triangle. Each subsequent shape in the options represents a progression in complexity, but **A** correctly maintains the pattern with its arrangement of smaller sections forming a larger shape. This makes **A** the correct answer.*

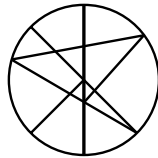
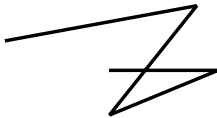
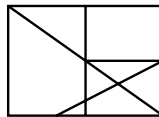
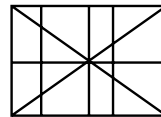
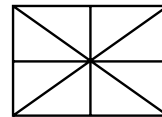
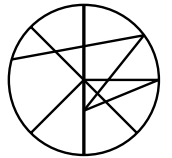


Now try the practice questions below. Work out the correct answer and mark it on the answer sheet.

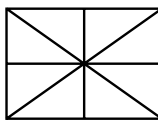
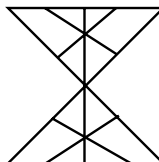
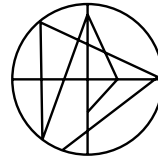
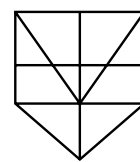
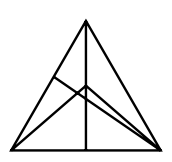
1

**A****B****C****D****E**

2

**A****B****C****D****E**

3

**A****B****C****D****E**

This is the end of Spatial Reasoning Sub-test 2 Practice section.





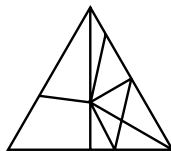
Spatial Reasoning Sub-test 2

You have **5 minutes** to complete these **eight questions**.

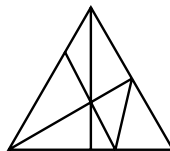
This section is **marked**.

A small shape is shown on the left. On the right, there are five larger shapes, each containing multiple patterns. One of them hides the small shape within it. Identify the larger shape that contains the given small shape and mark its letter on your answer sheet.

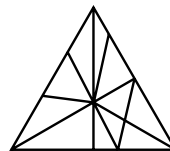
9



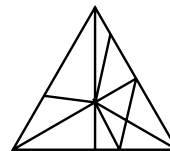
A



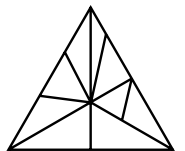
B



C

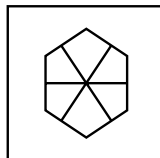


D



E

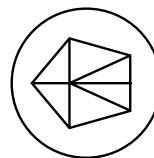
10



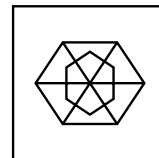
A



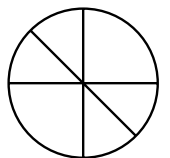
B



C

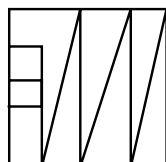
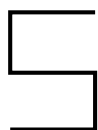


D

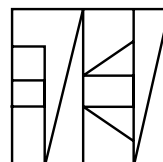


E

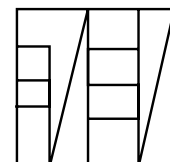
11



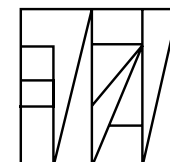
A



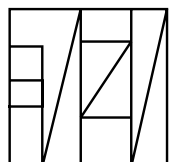
B



C



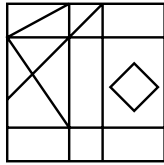
D



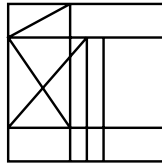
E



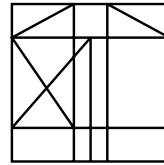
12



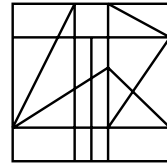
A



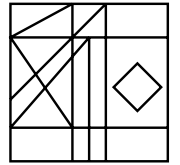
B



C

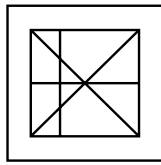
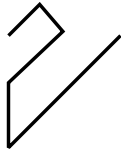


D

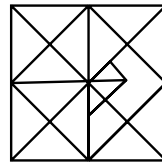


E

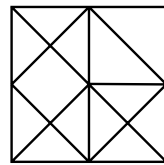
13



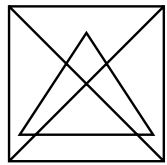
A



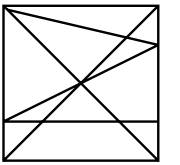
B



C

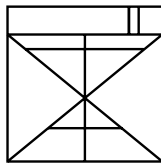
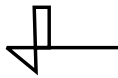


D

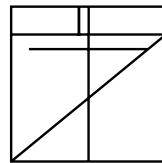


E

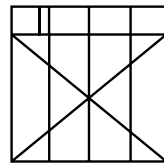
14



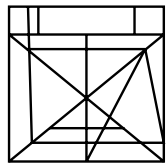
A



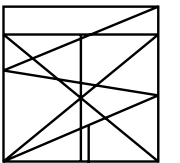
B



C



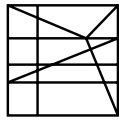
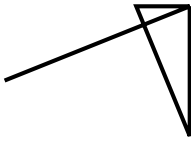
D



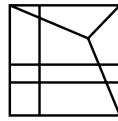
E



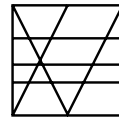
15



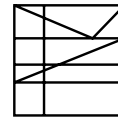
A



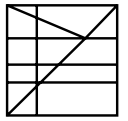
B



C

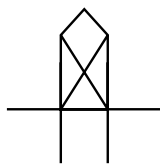
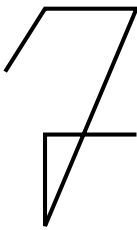


D

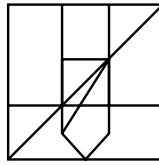


E

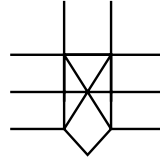
16



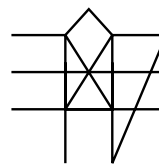
A



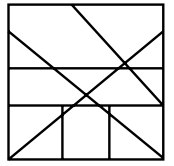
B



C



D



E

This is the end of Spatial Reasoning Sub-test 2.



© piacademy.co.uk - All rights reserved

Visit piacademy.co.uk/11-plus-papers to check the 'answers'



Kent Paper 4 Session 1

Answer Marking Sheet

Pupil's Name

School Name

Test Results	
Raw Score	
Standardized Score	
Marker's Initials	
Checker's Initials	

PUPILS REG, NUMBER									
[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]
[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]
[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]
[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]
[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]
[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]
[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]
[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]
[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]

DATE OF BIRTH					
Day	Month	Year			
[0]	[0]	January	[]	1997	[]
[1]	[1]	February	[]	1998	[]
[2]	[2]	March	[]	1999	[]
[3]	[3]	April	[]	2000	[]
[4]	[4]	May	[]	2001	[]
[5]	[5]	June	[]	2002	[]
[6]	[6]	July	[]	2003	[]
[7]	[7]	August	[]	2004	[]
[8]	[8]	September	[]	2005	[]
[9]	[9]	October	[]	2006	[]
		November	[]	2007	[]
		December	[]	2008	[]

Please mark boxes with a thin horizontal line like this  .



Test 1 - Verbal Reasoning

Sub-test 1

EXAMPLE	
A	☐
B	☐
C	☒
D	☐
E	☐

1 PRACTICE	
A	☐
B	☐
C	☐
D	☐
E	☐

2 PRACTICE	
A	☐
B	☐
C	☐
D	☐
E	☐

1	
A	☐
B	☐
C	☐
D	☐
E	☐

2	
A	☐
B	☐
C	☐
D	☐
E	☐

3	
A	☐
B	☐
C	☐
D	☐
E	☐

4	
A	☐
B	☐
C	☐
D	☐
E	☐

Sub-test 2

EXAMPLE	
A	☐
B	☐
C	☒
D	☐
E	☐

3 PRACTICE	
A	☐
B	☐
C	☐
D	☐
E	☐

4 PRACTICE	
A	☐
B	☐
C	☐
D	☐
E	☐

5	
A	☐
B	☐
C	☐
D	☐
E	☐

6	
A	☐
B	☐
C	☐
D	☐
E	☐

7	
A	☐
B	☐
C	☐
D	☐
E	☐

8	
A	☐
B	☐
C	☐
D	☐
E	☐



Sub-test 3

EXAMPLE

A ☒
B ☐
C ☐
D ☐
E ☐

5

PRACTICE

A ☐
B ☐
C ☐
D ☐
E ☐

6

PRACTICE

A ☐
B ☐
C ☐
D ☐
E ☐

9

A ☐
B ☐
C ☐
D ☐
E ☐

10

A ☐
B ☐
C ☐
D ☐
E ☐

11

A ☐
B ☐
C ☐
D ☐
E ☐

12

A ☐
B ☐
C ☐
D ☐
E ☐

Sub-test 4

EXAMPLE

A ☒
B ☐
C ☐
D ☐
E ☐

7

PRACTICE

A ☐
B ☐
C ☐
D ☐
E ☐

8

PRACTICE

A ☐
B ☐
C ☐
D ☐
E ☐

13

A ☐
B ☐
C ☐
D ☐
E ☐

14

A ☐
B ☐
C ☐
D ☐
E ☐

15

A ☐
B ☐
C ☐
D ☐
E ☐

16

A ☐
B ☐
C ☐
D ☐
E ☐



Sub-test 5

EXAMPLE

A ☒
B ☐
C ☐
D ☐
E ☐

9

PRACTICE

A ☐
B ☐
C ☐
D ☐
E ☐

10

PRACTICE

A ☐
B ☐
C ☐
D ☐
E ☐

17

A ☐
B ☐
C ☐
D ☐
E ☐

18

A ☐
B ☐
C ☐
D ☐
E ☐

19

A ☐
B ☐
C ☐
D ☐
E ☐

20

A ☐
B ☐
C ☐
D ☐
E ☐

Sub-test 6

EXAMPLE

A ☐
B ☐
C ☒
D ☐
E ☐

11

PRACTICE

A ☐
B ☐
C ☐
D ☐
E ☐

12

PRACTICE

A ☐
B ☐
C ☐
D ☐
E ☐

21

A ☐
B ☐
C ☐
D ☐
E ☐

22

A ☐
B ☐
C ☐
D ☐
E ☐

23

A ☐
B ☐
C ☐
D ☐
E ☐

24

A ☐
B ☐
C ☐
D ☐
E ☐



Sub-test 7

EXAMPLE

A ☐
B ☐
C ☒
D ☐
E ☐

13

PRACTICE

A ☐
B ☐
C ☐
D ☐
E ☐

14

PRACTICE

A ☐
B ☐
C ☐
D ☐
E ☐

25

A ☐
B ☐
C ☐
D ☐
E ☐

26

A ☐
B ☐
C ☐
D ☐
E ☐

27

A ☐
B ☐
C ☐
D ☐
E ☐

28

A ☐
B ☐
C ☐
D ☐
E ☐

Sub-test 8

EXAMPLE

A ☐
B ☐
C ☒
D ☐
E ☐

15

PRACTICE

A ☐
B ☐
C ☐
D ☐
E ☐

29

A ☐
B ☐
C ☐
D ☐
E ☐

30

A ☐
B ☐
C ☐
D ☐
E ☐

31

A ☐
B ☐
C ☐
D ☐
E ☐

32

A ☐
B ☐
C ☐
D ☐
E ☐



Test 2 - Non Verbal Reasoning

Sub-test 1

EXAMPLE

A	☐
B	☐
C	☒
D	☐
E	☐

1 PRACTICE

A	☐
B	☐
C	☐
D	☐
E	☐

2 PRACTICE

A	☐
B	☐
C	☐
D	☐
E	☐

3 PRACTICE

A	☐
B	☐
C	☐
D	☐
E	☐

1

A	☐
B	☐
C	☐
D	☐
E	☐

2

A	☐
B	☐
C	☐
D	☐
E	☐

3

A	☐
B	☐
C	☐
D	☐
E	☐

4

A	☐
B	☐
C	☐
D	☐
E	☐

5

A	☐
B	☐
C	☐
D	☐
E	☐

6

A	☐
B	☐
C	☐
D	☐
E	☐

7

A	☐
B	☐
C	☐
D	☐
E	☐

8

A	☐
B	☐
C	☐
D	☐
E	☐

Sub-test 2

EXAMPLE

A	☐
B	☐
C	☐
D	☐
E	☒

1 PRACTICE

A	☐
B	☐
C	☐
D	☐
E	☐

2 PRACTICE

A	☐
B	☐
C	☐
D	☐
E	☐

3 PRACTICE

A	☐
B	☐
C	☐
D	☐
E	☐



9

A

B

C

D

E

10

A

B

C

D

E

11

A

B

C

D

E

12

A

B

C

D

E

13

A

B

C

D

E

14

A

B

C

D

E

15

A

B

C

D

E

16

A

B

C

D

E

Sub-test 3

EXAMPLE

A

B

C

D

E

1

PRACTICE

A

B

C

D

E

2

PRACTICE

A

B

C

D

E

3

PRACTICE

A

B

C

D

E

17

A

B

C

D

E

18

A

B

C

D

E

19

A

B

C

D

E

20

A

B

C

D

E

21

A

B

C

D

E

22

A

B

C

D

E

23

A

B

C

D

E

24

A

B

C

D

E



Test 3 - Spatial Reasoning

Sub-test 1

EXAMPLE

A	☐
B	☐
C	☐
D	☒
E	☐

1 PRACTICE

A	☐
B	☐
C	☐
D	☐
E	☐

2 PRACTICE

A	☐
B	☐
C	☐
D	☐
E	☐

3 PRACTICE

A	☐
B	☐
C	☐
D	☐
E	☐

1

A	☐
B	☐
C	☐
D	☐
E	☐

2

A	☐
B	☐
C	☐
D	☐
E	☐

3

A	☐
B	☐
C	☐
D	☐
E	☐

4

A	☐
B	☐
C	☐
D	☐
E	☐

5

A	☐
B	☐
C	☐
D	☐
E	☐

6

A	☐
B	☐
C	☐
D	☐
E	☐

7

A	☐
B	☐
C	☐
D	☐
E	☐

8

A	☐
B	☐
C	☐
D	☐
E	☐

Sub-test 2

EXAMPLE

A	☒
B	☐
C	☐
D	☐
E	☐

1 PRACTICE

A	☐
B	☐
C	☐
D	☐
E	☐

2 PRACTICE

A	☐
B	☐
C	☐
D	☐
E	☐

3 PRACTICE

A	☐
B	☐
C	☐
D	☐
E	☐



9	10	11	12	13	14	15
A	A	A	A	A	A	A
B	B	B	B	B	B	B
C	C	C	C	C	C	C
D	D	D	D	D	D	D
E	E	E	E	E	E	E

16
A
B
C
D
E

For Parents use only

Marks Scored: _____ Time taken: _____

Comments _____



© piacademy.co.uk - All rights reserved

Visit piacademy.co.uk/11-plus-papers to check the 'answers'