



STEPHEN PERSE FOUNDATION
JUNIOR SCHOOL
YEAR 3 MATHS ENTRANCE



Name: _____

Write your answer in the boxes or on the line provided

1. **Adding and subtracting:** What are the missing numbers?

(a) $6 + 3 = \square$

(g) $8 - 6 = \square$

(b) $7 + 5 = \square$

(h) $\square - 4 = 7$

(c) $23 + 10 = \square$

(i) $69 - 10 = \square$

(d) $98 + 10 = \square$

(j) $30 + \square = 100$

(e) $\square + 60 = 100$

(k) $80 + \square = 100$

(f) $15 + \square = 20$

(l) $\square + 9 = 20$

12 marks

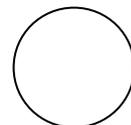
2. **Numbers:** Put these numbers in order starting with the smallest:

(a) 38, 72, 67, 14, 41 _____

(b) 95, 45, 107, 121, 92 _____

2 marks

3. **Shapes:** Write the name of the shape on the lines under it:



This is a _____

This is a _____

What is the name of a shape with **three** sides? _____

What is the name of a shape with **six** sides? _____

4 marks

Total

4. **Number Sequences:** Write the next **two** numbers in the pattern on the line provided:

1, 3, 5, 7, 9, _____, _____,

10, 20, 30, 40, _____, _____,

36, 33, 30, 27, _____, _____,

1, 2, 4, 8, _____, _____,

15, 20, 25, 30, _____, _____,

5 marks

5. **Word Problems:**

(a) I have a 20p coin. I buy a biscuit that costs 7p. How much change do I receive?

I receive _____ in change.

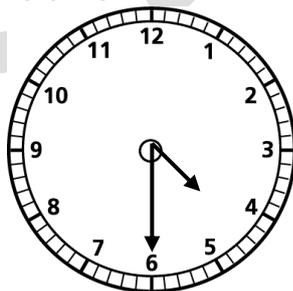
(b) Sam walked from 9:45 to 10:15. For how many minutes did he walk?

Sam walked for _____ minutes.

2 marks

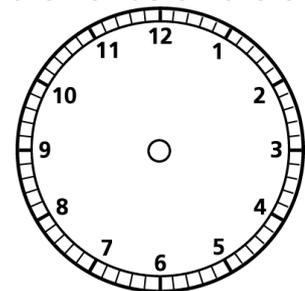
6. **Time:**

(a) What is the time?



The time is: _____

(b) Draw the hands on the clock



The time is 8 o'clock

2 marks



Total

7. **Word Problems:**

(a) My cat is 30cm tall. My dog is 25cm taller. How tall is my dog?



My dog is _____ cm tall.

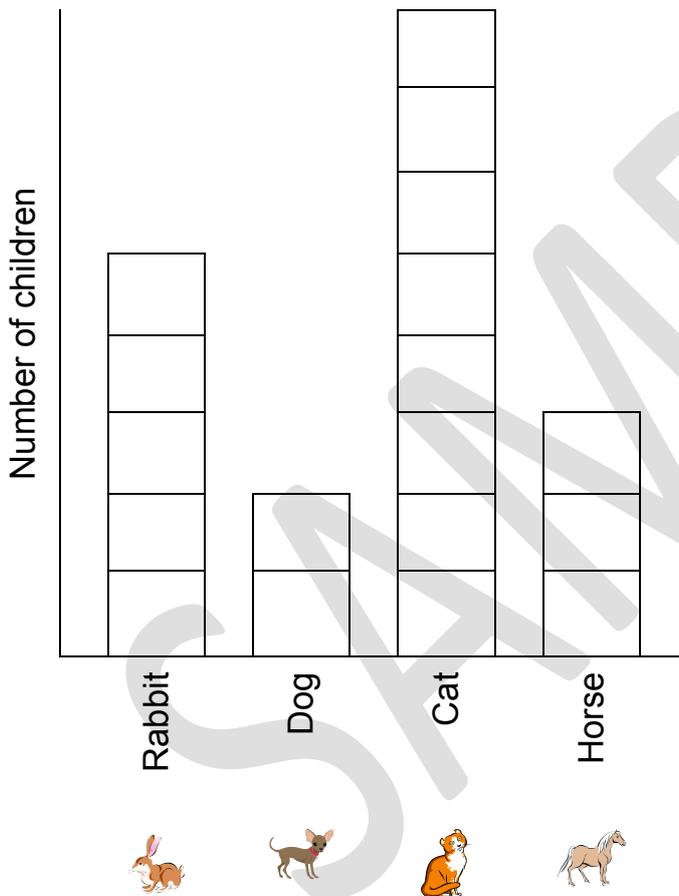
(b) There are 5 goldfish in one bowl. How many goldfish are in 4 bowls?



There are _____ goldfish.

2 marks

8. **Graphs:** This block graph shows the Favourite Animals of Children in Year 3.



a) How many children like dogs best?

_____ children like dogs best.

b) How many children like rabbits best?

_____ children like rabbits best.

c) How many children are in Year 3?

There are _____ children in Year 3.

d) Which animal is the most popular?

_____ is the most popular animal.

e) How many more children like cats than dogs?

_____ more children like cats more than dogs.

5 marks



□
Total