



Pi Academy

7+ Mathematics Test Paper - 1

Instructions:

1. Do not open this booklet until you are told to do so.
2. You will have 45 minutes to do the test.
3. You may work the questions out in your head, or by writing on the white area around the question.
4. Write the answer on the question paper itself in the space provided for the answer. Each blank carries 1 mark.
5. If you have written the wrong answer, erase it or cross it out and write the new one. Make sure that your final answer is clear. You will not lose marks for crossing out.
6. No Marks are lost for an incorrect answer.

Symbols used:



Go to the next page.



Do not turn the page until told to do so.

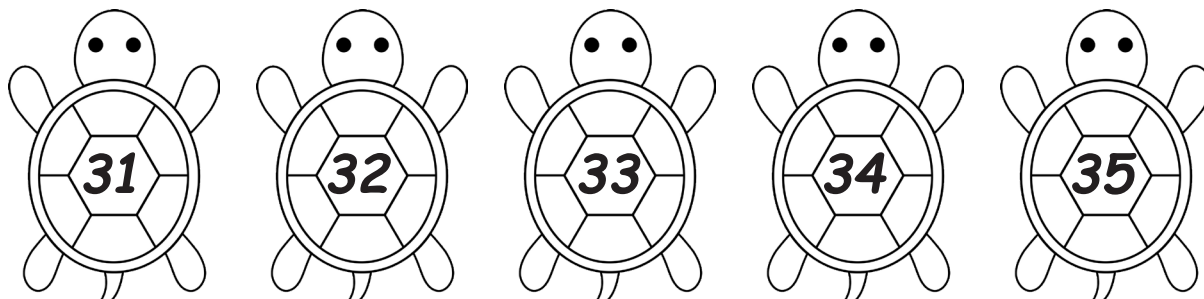


Stop working and await instructions.

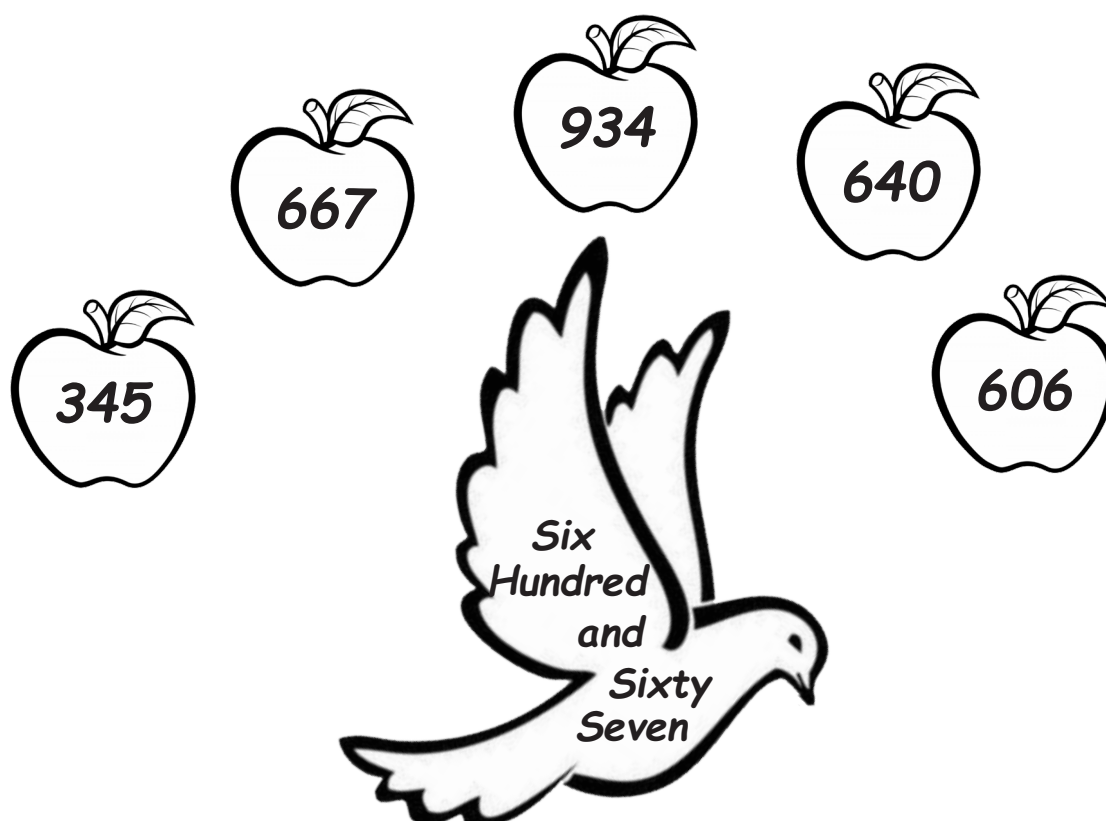
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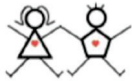


1. Draw a circle round the even numbers.

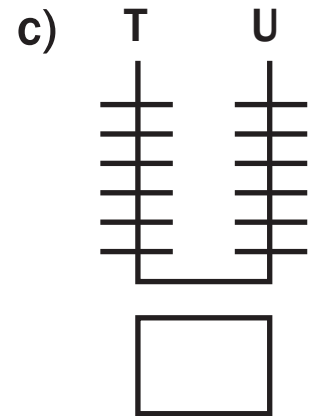
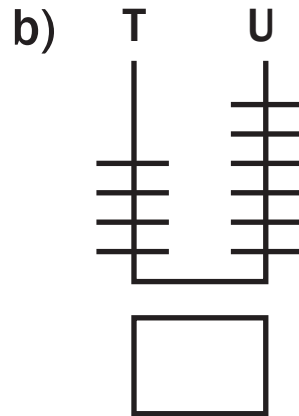
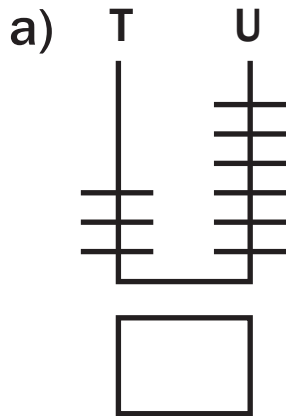


2. Draw a line to match the number on the bird with one of the fruit.

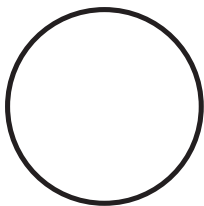




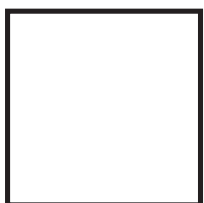
3. What number does each abacus show?



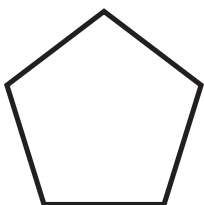
4. Join each shape to its name using a pencil line.



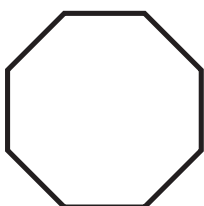
Octagon



Pentagon

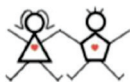


Circle

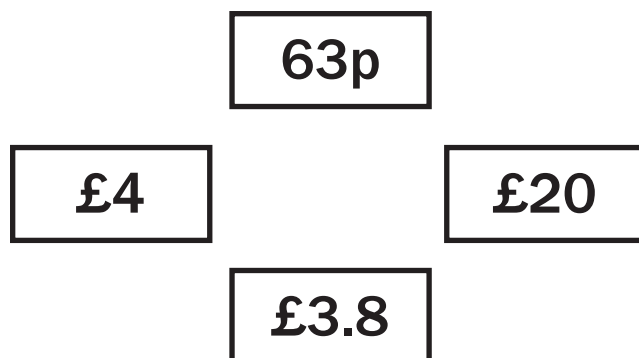


Square

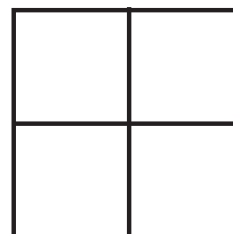
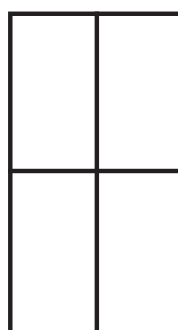
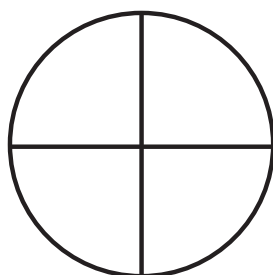
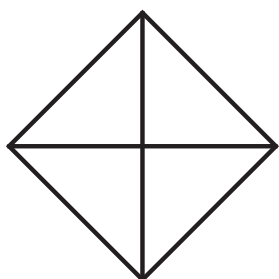




5. Write these amounts of money in order of size starting with the smallest amount.



6. Shade $\frac{1}{4}$ of each shape



7. Write the time of each clock.











8. a) Join each to its nearest 10.

12

46

63

66

21

38

40

60

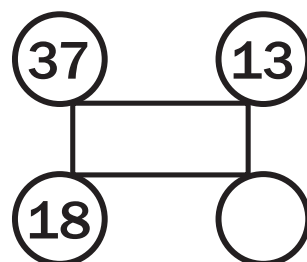
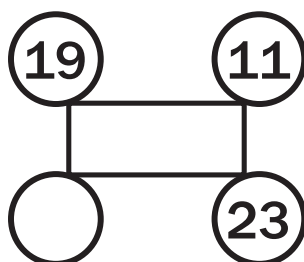
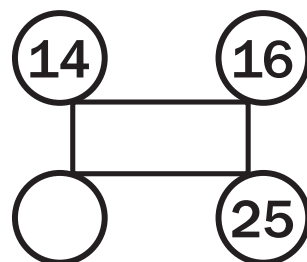
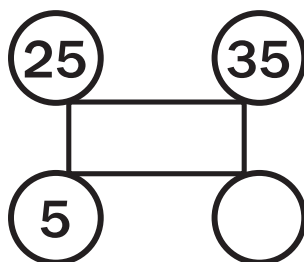
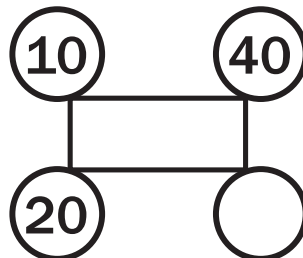
10

20

50

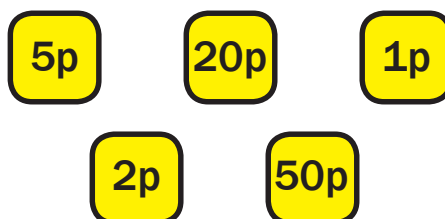
70

b) Each rectangle must make 100. Fill in the missing numbers.

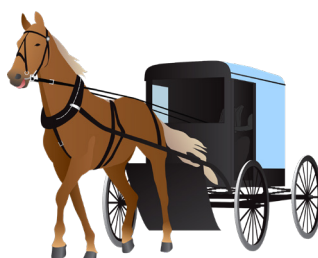




9. Which four coins can you use to buy all of these toys.
(you can use each coin more than once)



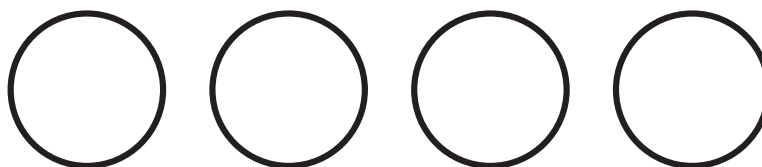
50p



22p

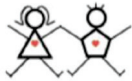


35p



10. I am thinking of a number. It has a 3 in the ones column,
2 in hundreds column and 6 in the tens column.
Write down the number.





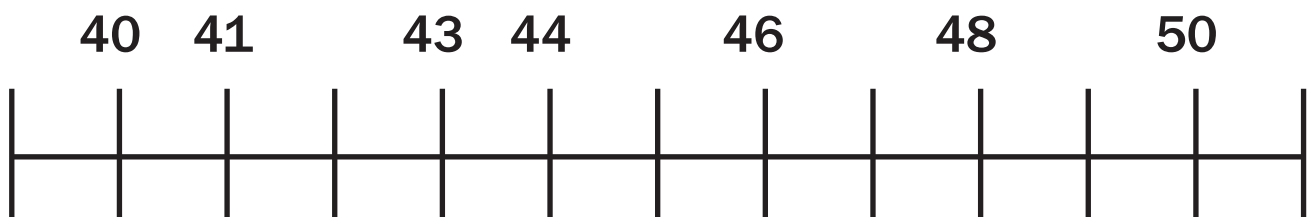
11. Write these numbers in words.

a) 39 _____

b) 45 _____

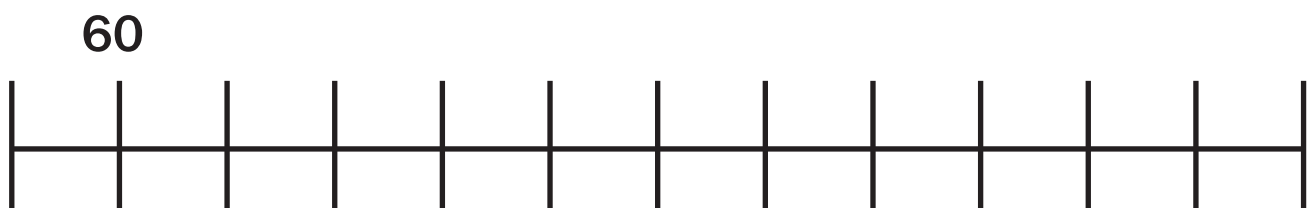
c) 196 _____

12. a) Fill in the missing numbers on this number line.



b) Place these numbers on the number line in the correct place.

64, 66, 62, 70





13. Add the following in your head.

a) $9 + 3 =$ _____

b) $12 + 4 =$ _____

c) $10 + 6 =$ _____

d) $20 + 70 =$ _____

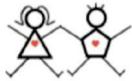
e) $4 + 6 =$ _____

f) $19 + 1 =$ _____

14. Fill in these multiplication squares.

X	2	5	7	8	10
3					
6					
9					





15. Work out these in your head.

a) $34 - 6 =$ _____

b) $78 - 43 =$ _____

c) $16 - 12 =$ _____

d) $50 - 11 =$ _____

e) $36 - 4 =$ _____

f) $91 - 81 =$ _____

16. Circle all the odd numbers.

22 9 8 43 29

34 11 18 38





17. Complete these halving and doubling sentences.

a) Half of 90 is _____

b) Half of 16 is _____

c) 40 divided by 2 is _____

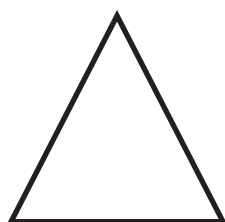
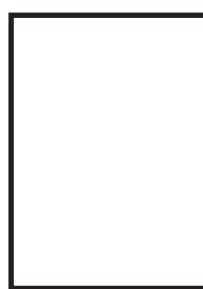
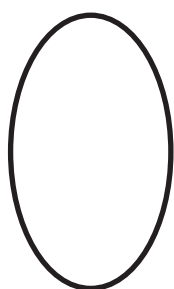
d) 20 shared between 2 is _____

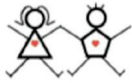
e) Double 2 is _____

f) Twice 13 is _____

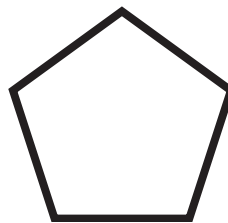
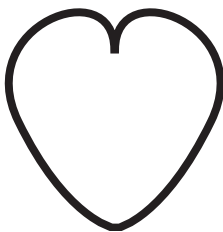
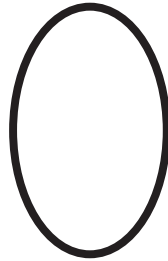
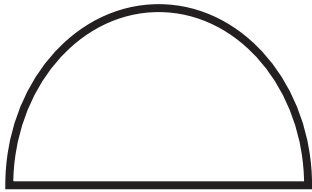
g) Double 60 is _____

18. Put dotted lines on the shapes so they are cut in half.

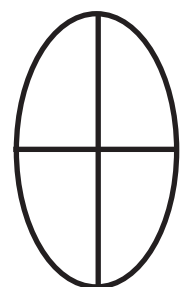
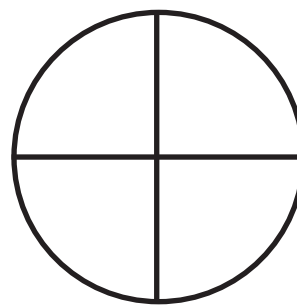
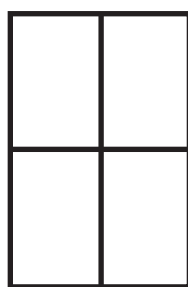
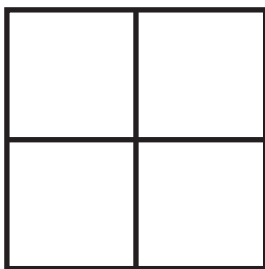




19. Put a tick in the shapes with straight edges.



20.



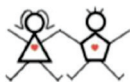
Colour $\frac{1}{2}$

Colour $\frac{1}{4}$

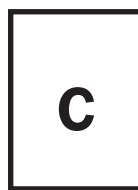
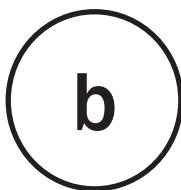
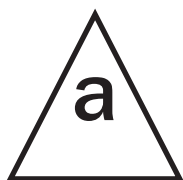
Colour $\frac{2}{4}$

Colour $\frac{3}{4}$

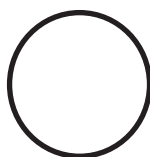




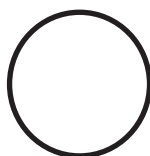
21. Which of these shape is:



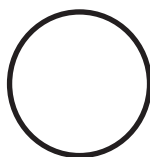
a) a rectangle



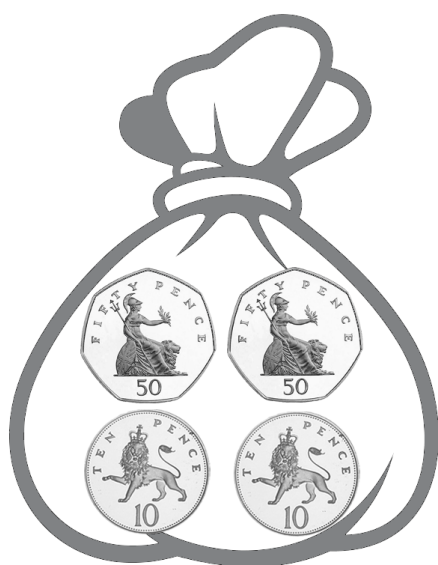
b) a triangle



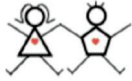
c) a square



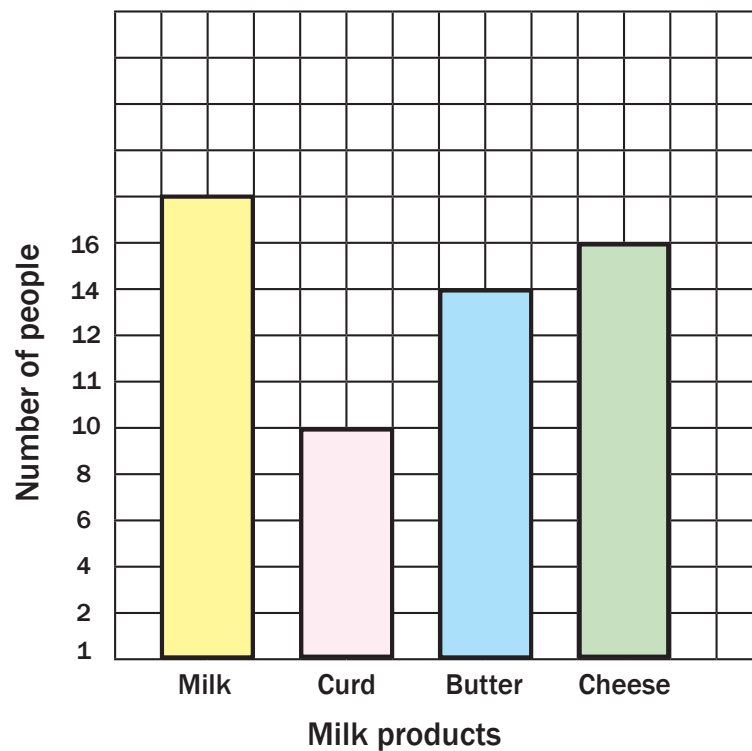
22. Write down how much money is in the bag?







23. Look at the bar chart and answer the questions.



a) Which is the most consumed item by the people?

b) How many people take curd?

c) How many more people take cheese than butter?

24. Which 3 coins make up 4p?

