

Key Stage 2

Test Paper 3 - Mathematics

On the Education Quizzes website, you will find over 100 [Maths Quizzes](#) to help you prepare for the mathematics section of the 11-Plus

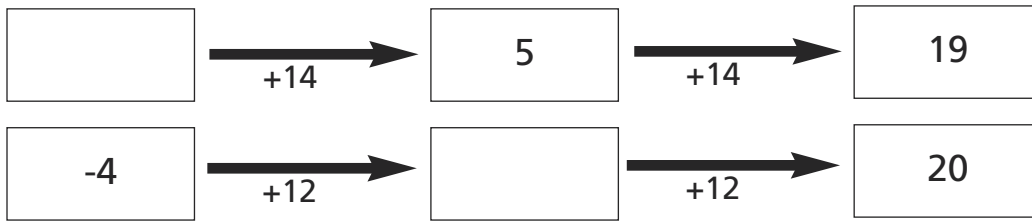
This paper contains 20 questions.

The total marks for this paper is 35

Time Allowed: 40 mins



1 Write in the missing number.



2 Marks

2 Look at the number below.

123,548.906

What is the digit that is in the thousands place?

Answer

1 Mark

What is the digit that is in the thousandths place?

Answer

1 Mark

3 Look at the diagram below.
It is used to sort some numbers into categories.

	Multiples of 3	Not multiples of 3
Multiples of 7		
Not multiples of 7		

Sort the following four numbers into the table above.

28 24 16 21

2 Marks

Insert answers in blue box and show method where required.

4

Write the number 50,678 in words.

1 Mark

5

Below are some cards.

x1000

÷1000

x100

÷10

x10

÷100

Use one card from above to complete each calculation.

6.7

Answer

= 670

6.7

Answer

= 0.0067

6.7

Answer

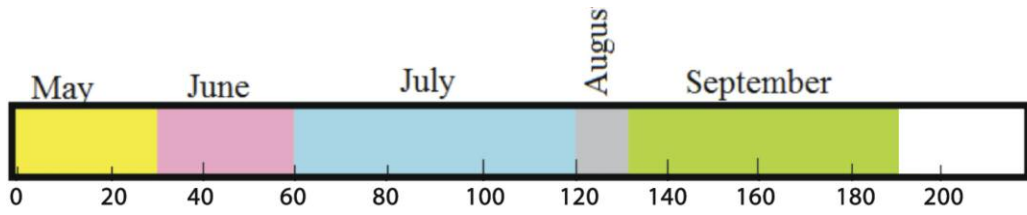
= 0.067

2 Marks



6

Millie has been collecting money for charity over the past five months. Millie draws the chart below to show how much she has collected.



Millie's target over the five months was to collect £200 overall.

Which months did Millie collect more than £40?

Answer

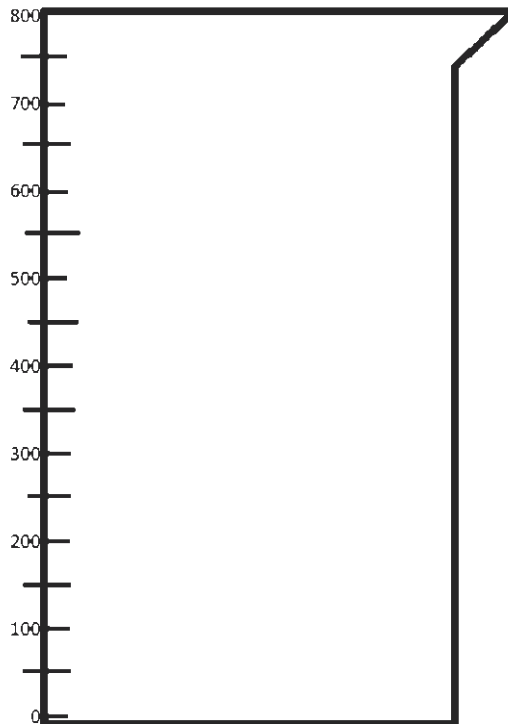
How much money did she collect in July August and September all together?

Answer

1 Mark

7

Oreo pours some fruit juice into a measuring jug. Oreo needs 475ml of fruit juice for this recipe. Draw an arrow on the jug below to show the level of the fruit juice.



1 Mark

8

A bag of 7 apples costs £1.40.
A bag of 9 bananas costs £4.05.

How much more does one banana cost than one apple?

A large grid for showing the calculation. On the right side of the grid, there is a blue-bordered box containing the word "Answer".

1 Mark

9

Look at the shape below on the grid.
The shape is translated so that point X moves to point Y.
Draw the shape in its new position. *Remember to use a ruler.*

A large grid for drawing the translated shape. On the left side of the grid, there is a shaded diamond-shaped quadrilateral. Its rightmost vertex is labeled 'X'. On the right side of the grid, there is a point labeled 'Y'.

2 Marks

Insert answers in blue box and show method where required.

12

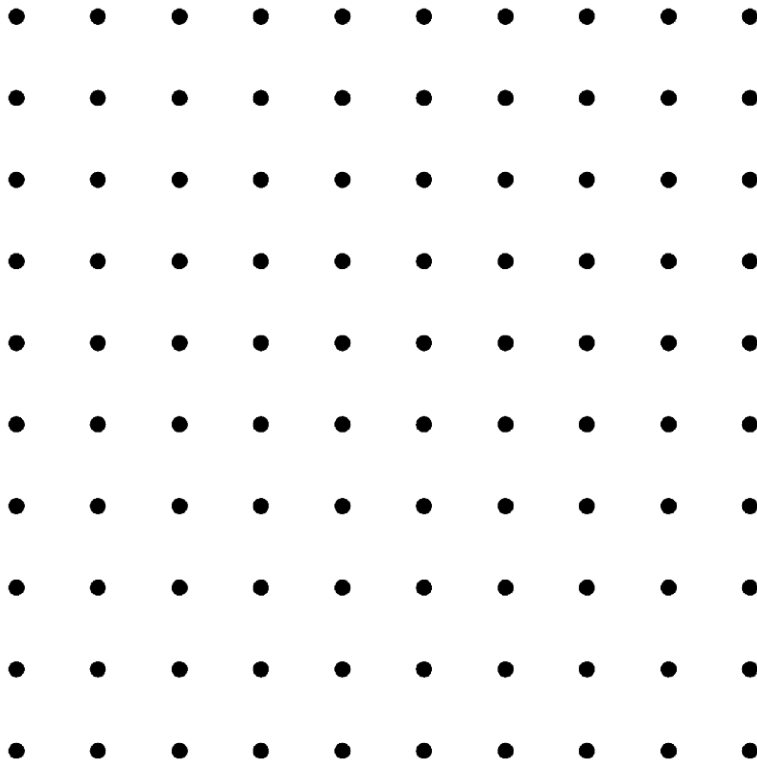
Look at the addition sum below.
Fill in the four missing digits to make the calculation correct.

$$\begin{array}{rcccc} & 3 & \square & 7 & \square \\ + & \square & 1 & \square & 6 \\ \hline & 5 & 7 & 2 & 5 \end{array}$$

2 Marks

13

Join the dots on the grid below to create a quadrilateral with two right angles and one acute angle.



1 Mark



14

Below are four cards with fractions on them.

$$\frac{3}{4}$$

$$\frac{3}{5}$$

$$\frac{7}{8}$$

$$\frac{1}{2}$$

Put the above fractions in order from smallest to biggest.



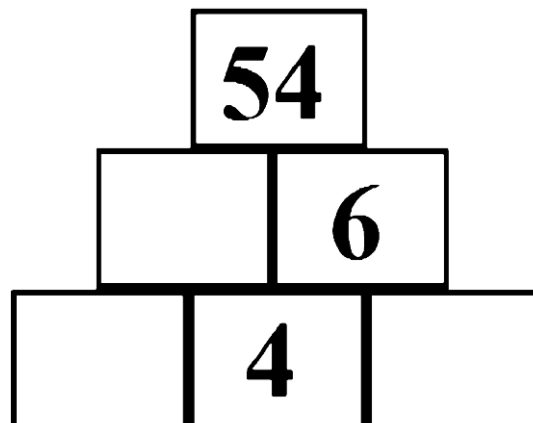
2 Marks

15

Below is a number pyramid.

The number in a box is the product of the two numbers below it.

Complete the number pyramid by writing in the missing numbers in the boxes.



2 Marks

16

Holly chooses a number between 1 and 50.
She divides it by 7 and then adds 13.
She then divides this result by 4.
Her answer is 4.5.

What was the number that Holly started with?

Answer

2 Marks

17

Shown right is a recipe for flapjacks.

Ian only has 300g of oats to make the flapjacks.
How much sugar should he use?

Flapjacks
500g oats
200g sugar
5tbsp golden syrup

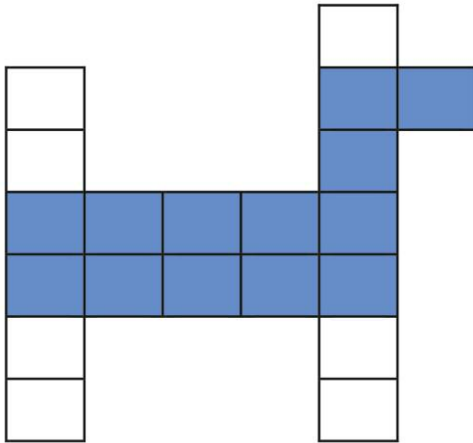
Answer

2 Marks



18

Look at the picture of the dog below made up of squares.



Write down the percentage of the picture that is shaded.

Answer

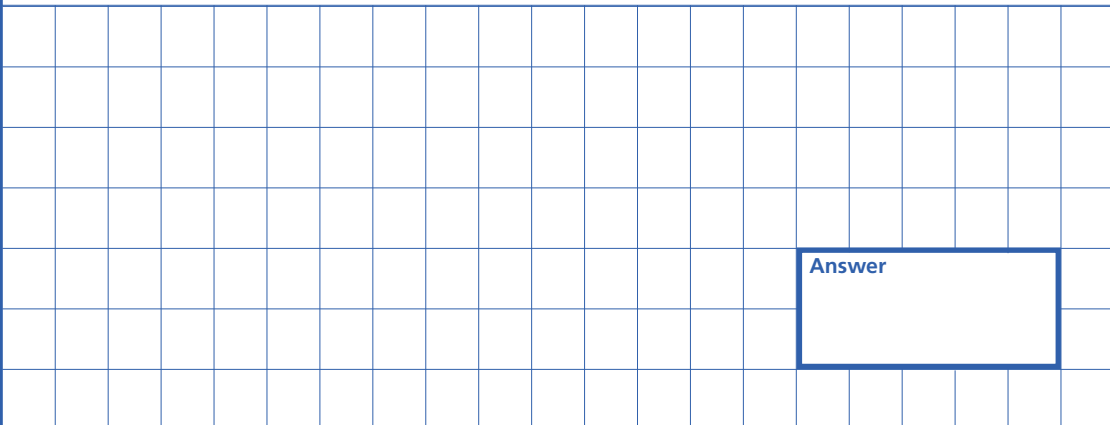
1 Mark

19

A rectangular dance studio is 18m by 10m.

A gymnastics floor is 124m².

By how many square metres is the dance studio bigger than the gymnastics floor?

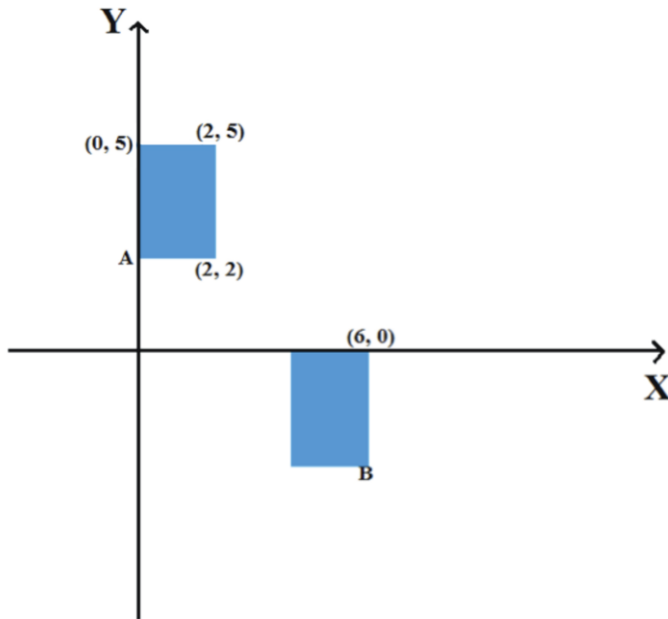


Answer

2 Marks

20

Look at the diagram below of two identical rectangles.



Write down the coordinates of points A and B.

Answer

A (,)

B (,)

2 marks

Answers

1) -9 (1 mark)
8 (1 mark)

2) 3 (1 mark)
6 (1 mark)

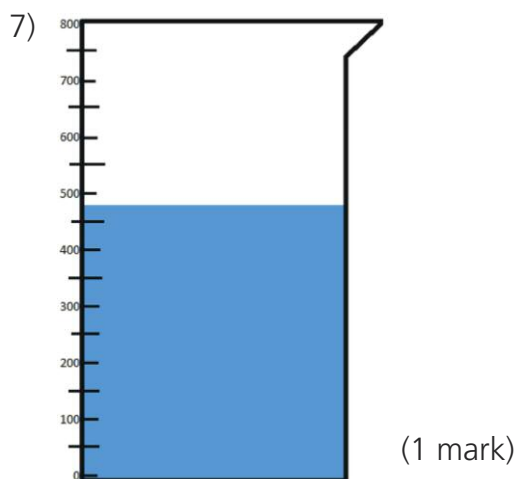
3)

	Multiples of 3	Not multiples of 7
Multiples of 7	21	28
Not multiples of 7	24	16

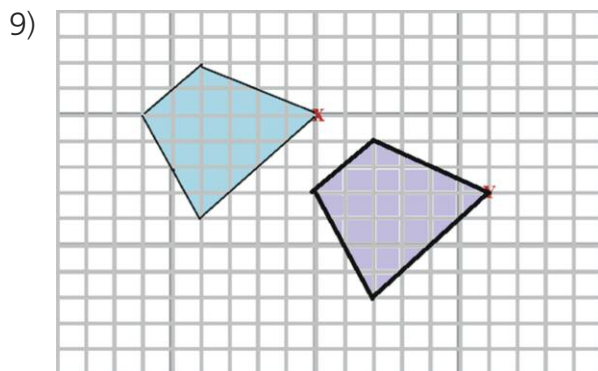
4) Fifty thousand, six hundred and seventy eight. (1 mark)

5) $\times 100$, $\div 1000$, $\div 100$ (2 marks)

6) July and September (2 marks)
£130 (2 marks)



8) 25p (2 marks)

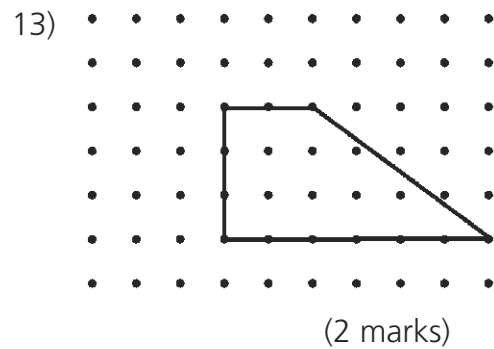


10) 148.2kg (2 marks)

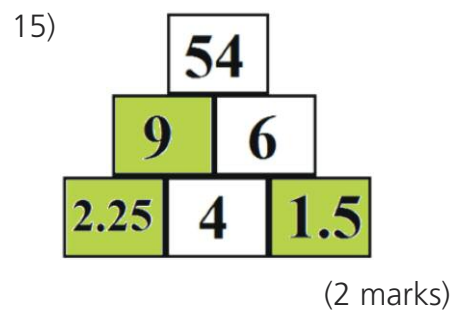
11) 0.32 (1 mark)

12)

$$\begin{array}{r}
 \\
 \\
 \\
 \\
 \\
 \hline
 3 \quad \boxed{5} \quad 7 \quad \boxed{9} \\
 + \quad \boxed{2} \quad 1 \quad \boxed{4} \quad 6 \\
 \hline
 5 \quad 7 \quad 2 \quad 5
 \end{array}$$



14) $\frac{1}{2}$ $\frac{3}{5}$ $\frac{3}{4}$ $\frac{7}{8}$ (2 marks)



16) 35 (2 marks)

17) 120g (2 marks)

18) 65% (1 mark)

19) 56m² (2 marks)

20) A (0, 2) B (6, -3) (2 marks)

