

Name: _____ Date: _____

Paper 1: arithmetic sample questions**1**

$$555 + 656 =$$

A large grid for working out the answer to question 1. The grid is 20 squares wide and 15 squares high. A rectangular box is drawn in the bottom right corner of the grid, spanning 6 squares wide and 3 squares high.

1 mark

2

$$1 \frac{1}{7} - \frac{3}{7} =$$

A large grid for working out the answer to question 2. The grid is 20 squares wide and 15 squares high. A rectangular box is drawn in the bottom right corner of the grid, spanning 6 squares wide and 3 squares high.

1 mark

3

$$120 - 15 \times 5 =$$

A large grid for working out the answer to question 3. The grid is 20 squares wide and 15 squares high. A rectangular box is drawn in the bottom right corner of the grid, spanning 6 squares wide and 3 squares high.

1 mark

4	$\begin{array}{r} 2376 \\ \times \quad 15 \\ \hline \end{array}$	<input type="text"/>
	Show your method	

5	$28 \overline{)1652}$	<input type="text"/>
	Show your method	

Paper 2 and Paper 3: contextualised and applied questions

6

Write the missing digits to make the addition correct.



$$\begin{array}{r}
 \begin{array}{|c|c|c|} \hline 1 & & 1 \\ \hline \end{array} \\
 + \begin{array}{|c|c|c|} \hline & 1 & \\ \hline \end{array} \\
 \hline
 \begin{array}{|c|c|c|} \hline 9 & 0 & 0 \\ \hline \end{array}
 \end{array}$$

1 mark

7

Complete this sentence.

Every number with a factor of **10** must also have factors of



and and

1 mark

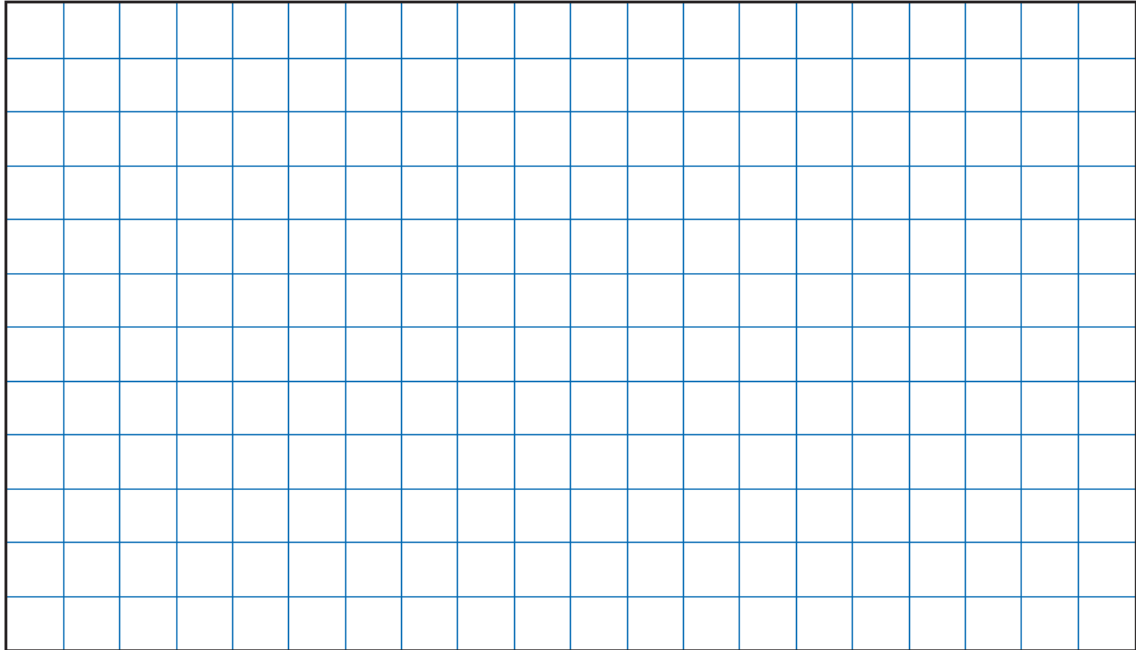
9

Write the missing fraction.



$$\frac{1}{3} + \frac{1}{4} + \boxed{} = 1$$

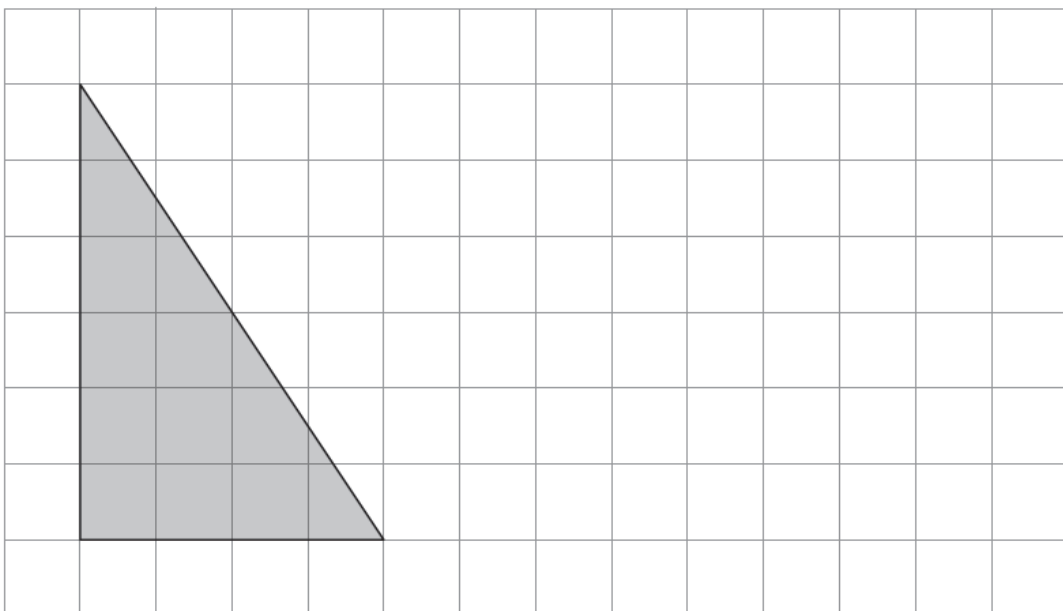
1 mark



10

Draw a rectangle on the grid that has **half** the area of the shaded triangle.

Use a ruler.

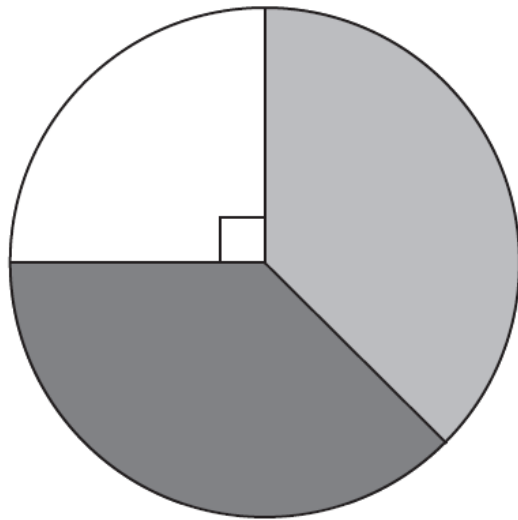


1 mark

11

A shop sells drinks.

The pie chart compares the money a shop took last year for water, juice and soft drinks.



Key:



Water



Juice



Soft drinks

The shop took £8264 for soft drinks.

Sales of water and juice were **equal**.

How much money did the shop take for **juice** last year?

Show
your
method

£

2 marks