

Year 6 Maths Activity Mat

5

Section 1

Use these clues to find the number:

- It is less than 1 000.
- It is a multiple of 5.
- All of the digits are odd.
- The first and last digits add up to 12.
- The tens digit is the largest digit.

Section 2

Calculate:

$$\begin{array}{r} 1 \quad 0 \quad 4 \quad 2 \\ \times \quad \quad 1 \quad 3 \\ \hline \\ \hline \end{array}$$

Section 3

A school library has 2498 books. 329 books are on loan, and 1983 are in the library. The rest are missing. How many books are missing?

Section 4

Calculate:

$$\frac{1}{3} \div 2 = \boxed{}$$

$$\frac{1}{2} \div 3 = \boxed{}$$

Section 5

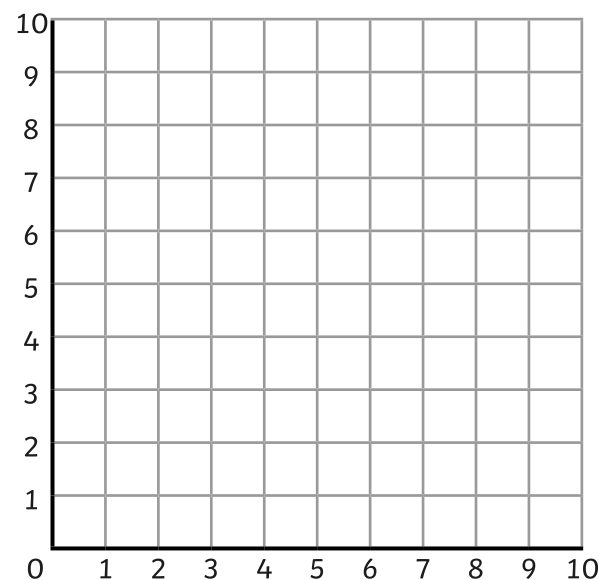
50% of a class are boys. What fractions of the class are boys?

Section 6

A piece of string 3m long is cut into 12 equal pieces. How long is each piece in metres?

Section 7

Draw a rectangle on this coordinates grid using the coordinates: (1,2) (9,2) (1,5) (9,5).



Section 8

a and **b** are whole numbers between 3 and 7. Write all the calculations showing the possible values of **a** and **b** where:

$$a + b = 10$$

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Answers

Section 1

Use these clues to find the number:

- It is less than 1 000.
- It is a multiple of 5.
- All of the digits are odd.
- The first and last digits add up to 12.
- The tens digit is the largest digit.

795

Section 2

Calculate:

$$\begin{array}{r}
 1042 \\
 \times 13 \\
 \hline
 3126 \\
 10420 \\
 \hline
 13546
 \end{array}$$

Section 3

A school library has 2498 books. 329 books are on loan, and 1983 are in the library. The rest are missing. How many books are missing?

186 books

Section 4

Calculate:

$$\frac{1}{3} \div 2 = \frac{1}{6}$$

$$\frac{1}{2} \div 3 = \frac{1}{6}$$

Section 5

50% of a class are boys. What fractions of the class are boys?

$\frac{1}{2}$

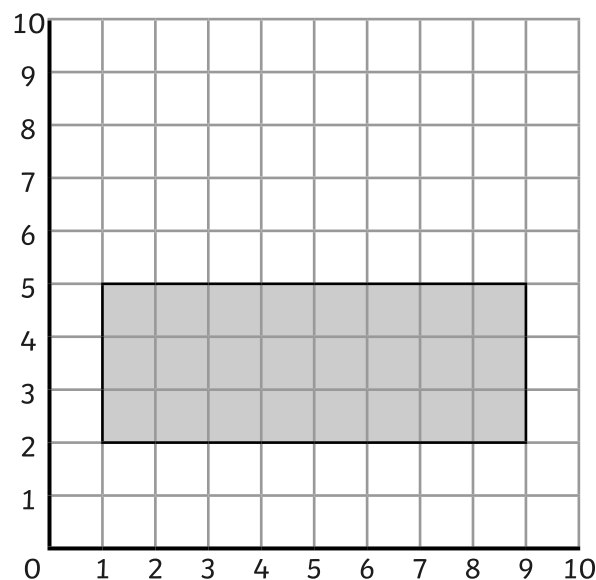
Section 6

A piece of string 3m long is cut into 12 equal pieces. How long is each piece in metres?

0.25m

Section 7

Draw a rectangle on this coordinates grid using the coordinates: (1,2) (9,2) (1,5) (9,5).



Section 8

a and **b** are whole numbers between 3 and 7. Write all the calculations showing the possible values of **a** and **b** where:

$$a + b = 10$$

$$\begin{aligned}
 a &= 6, b = 4, \\
 a &= 5, b = 5; \\
 a &= 4, b = 6
 \end{aligned}$$