

Year 6 Summer 2 Maths Activity Mat 5

Section 1

Use these clues to find the number:

- The number has 7 digits.
- Alternate digits count up or down.
- All the digits are different.
- The largest digit, 7, is in the millions place and is next to the smallest digit.

Section 5

Calculate:

$$\begin{array}{r} 7 \quad 8 \quad 0 \quad 9 \\ \times \quad \quad 6 \quad 7 \\ \hline \\ \hline \end{array}$$

Section 2

A supermarket has 4352 tins of tomatoes. 795 tins are on the shelves and a quarter of the total number of tins are unboxed ready to put on the shelves. 67 tins are found to be damaged. The rest are still in boxes. How many tins are in boxes?

Section 3

Calculate:

$$\frac{3}{5} \div 4 = \boxed{}$$

$$\frac{3}{8} \div 3 = \boxed{}$$

Section 4

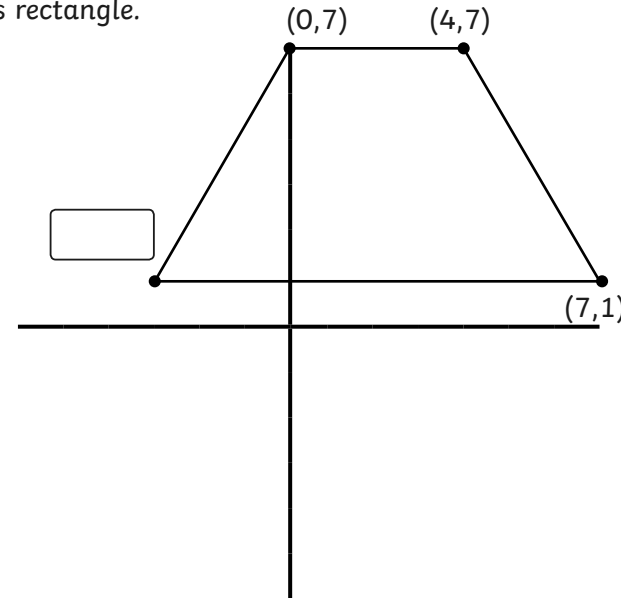
20% of a class catch a bus to school. Three quarters of the rest of the class walk to school. What fraction of the whole class walk to school?

Section 6

A length of rope is 7200mm long. It is cut into 18 pieces. 11 of the pieces are needed. How many centimetres of rope are not needed?

Section 7

Write possible missing coordinates for this rectangle.



Section 8

a and b are whole numbers between 3 and 8. Write all of the possible values of a and b where:

$$3a + 2b = 25$$

Section 1

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7 162 534

Section 2

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2402

Section 3

Calculate:

$$\frac{3}{5} \div 4 = \frac{3}{20}$$

$$\frac{3}{8} \div 3 = \frac{3}{24} = \frac{1}{8}$$

Section 4

20% of a class catch a bus to school. Three quarters of the rest of the class walk to school. What fraction of the whole class walk to school?

$\frac{3}{5}$

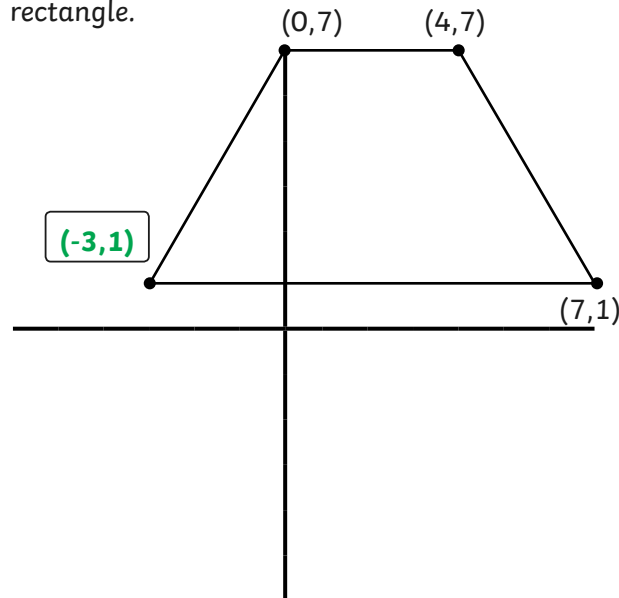
Section 6

A length of rope is 7200mm long. It is cut into 18 pieces. 11 of the pieces are needed. How many centimetres of rope are not needed?

280cm

Section 7

Write possible missing coordinates for this rectangle.



Section 5

Calculate:

	7	8	0	9	
	x		6	7	
	5	4	6	6	3
4	6	8	5	4	0
5	2	3	2	0	3

Section 8

a and b are whole numbers between 3 and 8. Write all of the possible values of a and b where:

$$3a + 2b = 25$$

**$a = 5, b = 5;$
 $a = 7, b = 4$**