

Year 6 Maths Activity Mat: 6

Answers

Section 1

Use these clues to find the number:

- The number has 7 digits.
- Each digit is different.
- The number is a multiple of 5.
- There are no zeros.
- The ten thousands digit is twice the hundreds thousands digit.
- The thousands digit is twice the hundreds digit. The hundreds digit is twice the tens digit.
- The number is more than 8 million.
- The sum of the ten thousands and hundred thousands digits is the same as the millions digit.
- All the even digits are next to each other.

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Section 6

A bottle contains 1.5 litres of lemonade. It is shared between 12 children. How much does each child get in millilitres?

125ml

Section 2

Calculate:

		6	2	1	7
	x			2	6
	3	7	3	0	2
1	2	4	3	4	0
1	6	1	6	4	2

Section 3

Madison goes shopping with £30. She buys three t-shirts costing £7.50 each. She then takes £20 out of the bank, and buys lunch costing £12.30. How much does she have left?

£15.20

Section 4

Calculate:

$$\frac{1}{2} \div 4 =$$

$$\frac{1}{8}$$

$$\frac{2}{3} \div 5 =$$

$$\frac{2}{15}$$

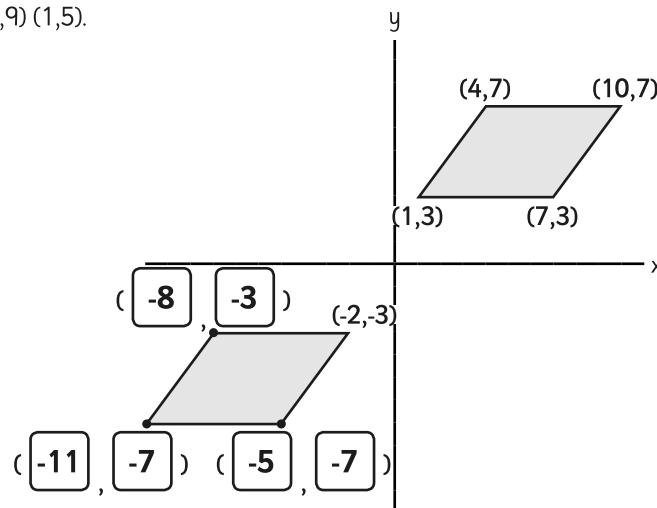
Section 5

A shop is offering a 20% discount. What fraction of the full price is to be paid?

$$\frac{4}{5}$$

Section 7

Draw a parallelogram on this coordinates grid using the coordinates: (1,1) (8,5) (8,9) (1,5).



Section 8

a and **b** are whole numbers between 10 and 20. Write a calculation showing the possible values of **a** and **b** where:

One of the following:

a = 19, b = 14; a = 18, b = 13; a = 17, b = 12; a = 16, b = 11