

Year 6 Maths Activity Mat

6

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.

Section 6

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

Section 2

Calculate:

		6	2	1	7
	x			2	6

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?

Section 4

Calculate:

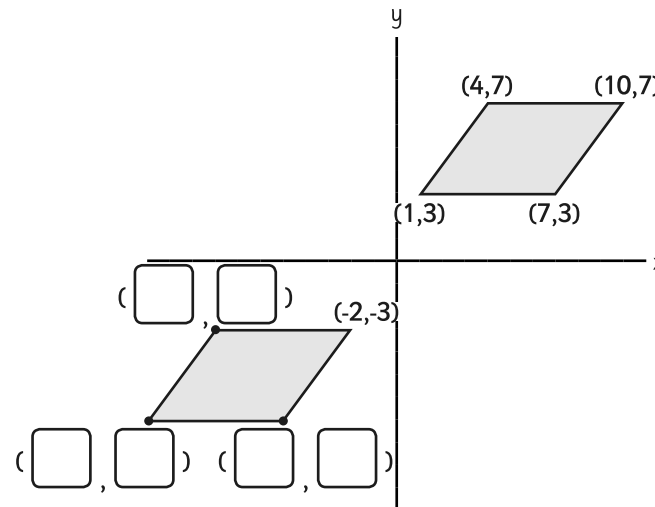
$$\frac{1}{2} \div 4 = \boxed{} \quad \frac{2}{3} \div 5 = \boxed{}$$

Section 5

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

Section 7

Write the missing coordinates for this translated shape.



Section 8

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

$$a - b = 5$$

$$a = \boxed{}$$

$$b = \boxed{}$$