

# Year 6 Spring 1 Maths Activity Mat 5

## Section 1

Use these clues to find the number:

- It is less than 1000.
- All the digits are even.
- The hundreds digit is half the tens digit.
- The ones digit is half way between the tens and hundreds digits.

## Section 2

	1	2	5	8
x			1	4
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## Section 3

A collector has 387 coins on display, 298 coins in storage and buys a further 38 coins at an auction. How many coins does the collector have altogether?

## Section 4

Calculate:

$$\frac{1}{4} \div 2 = \boxed{\phantom{00}}$$

$$\frac{1}{2} \div 5 = \boxed{\phantom{00}}$$

## Section 5

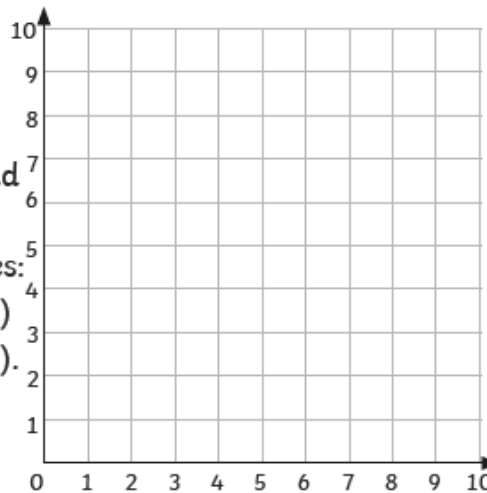
25% of a class sing in the choir. What fraction of the class sing in the choir?

## Section 6

Two litres of juice is shared among eight people. How much juice do they each receive?

## Section 7

Draw a rectangle on this grid using the coordinates: (4,2) (9,2) (4,9) (9,9).



## Section 8

a and b are whole numbers between 6 and 12. Write all the calculations showing the possible values of a and b where:  $a + b = 18$

## Year 6 Spring 1 Maths Activity Mat 6

### Section 1

A packet of pens has three red and five blue pens. Ali buys some packets of pens. There are 15 blue pens. How many red pens are there?

### Section 2

$$y = x - 3$$

If  $x = 4$ , what is  $y$ ?

If  $y = 7$ , what is  $x$ ?

### Section 3

Calculate

50% of £24 =

25% of £32 =

### Section 4

Calculate:

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

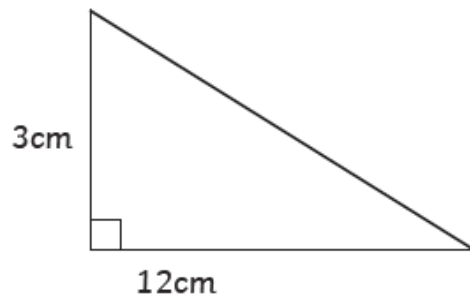
$$\frac{4}{5} - \frac{3}{10} =$$

### Section 5

There are 11 people in a cafe. Coffee is £2 and tea is £1.50. The takings are £20, of which £6 was taken on tea. How many people drink coffee?

### Section 6

Calculate the area of this right-angled triangle.



### Section 7

Write the name of a regular shape with internal angles of  $90^\circ$ .

### Section 8

Majid has some pencils. Nine are freshly sharpened, but 6 need sharpening. Express the total number of pencils algebraically, using  $p$  to represent the total number of pencils.