

# Year 6 Summer 2 Maths Activity Mat 6

## Section 1

A bag of marbles has 3 red, 2 green and 5 blue marbles. A school needs 15 blue marbles. How many red and green marbles will they get?

## Section 4

Calculate:

$$\frac{1}{3} + \frac{1}{12} = \boxed{\phantom{000}}$$

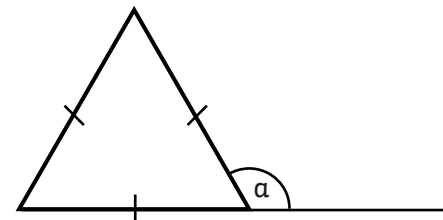
$$\frac{3}{8} - \frac{1}{12} = \boxed{\phantom{000}}$$

## Section 5

At a theatre, adult tickets cost £12 and child tickets cost £4.50. There are 14 adults and 20 children. How much money would the theatre have made in ticket sales?

## Section 7

Calculate angle a.




## Section 2

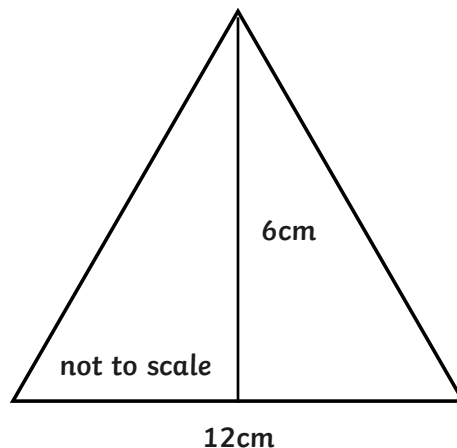
$$y = 2x - 3$$

If  $x = 6$ , what is  $y$ ?

If  $y = 5$ , what is  $x$ ?

## Section 6

Calculate the area of this triangle.




## Section 8

Ahmed has 12 marbles. The number of blue marbles is  $b$  and the rest are red,  $r$ . How many marbles are red?

Complete the formula below to show how the answer could be calculated:

## Section 3

Calculate:

$$15\% \text{ of } £60 = \boxed{\phantom{000}}$$

$$60\% \text{ of } £84 = \boxed{\phantom{000}}$$

## Section 1

A bag of marbles has 3 red, 2 green and 5 blue marbles. A school needs 15 blue marbles. How many red and green marbles will they get?

**9 red and 6 green**

## Section 4

Calculate:

$$\frac{1}{3} + \frac{1}{12} = \frac{5}{12}$$

$$\frac{3}{8} - \frac{1}{12} = \frac{7}{24}$$

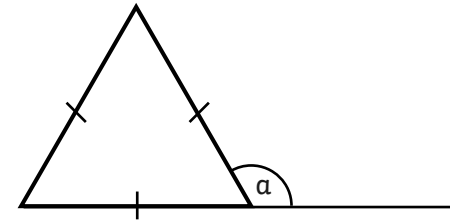
## Section 5

At a theatre, adult tickets cost £12 and child tickets cost £4.50. There are 14 adults and 20 children. How much money would the theatre have made in ticket sales?

**£258**

## Section 7

Calculate angle a.



**120°**

## Section 2

$$y = 2x - 3$$

If  $x = 6$ , what is  $y$ ?

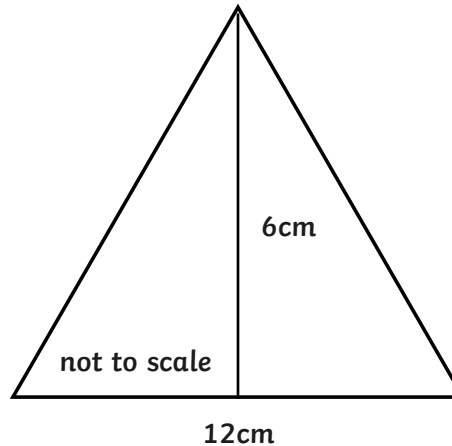
**9**

If  $y = 5$ , what is  $x$ ?

**4**

## Section 6

Calculate the area of this triangle.



**36cm<sup>2</sup>**

## Section 8

Ahmed has 12 marbles. The number of blue marbles is  $b$  and the rest are red,  $r$ . How many marbles are red?

Complete the formula below to show how the answer could be calculated:

**$r = 12 - b$**