

# Year 6 Summer 2 Maths Activity Mat 3

## Section 1

Round the following numbers to the nearest hundred thousand:

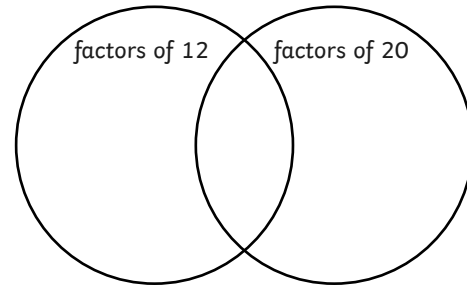
582 000 →

350 000 →

949 000 →

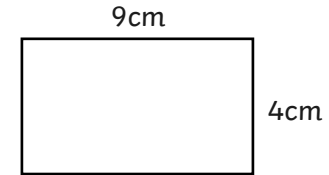
## Section 2

Use this Venn diagram to write the common factors of 12 and 20.



## Section 3

Calculate the area and perimeter of the following rectangle.



## Section 4

Half of a number is 45. What is the number?

## Section 5

Calculate and write the answer as a decimal:

$$4 \overline{) 458}$$

## Section 6

Calculate:

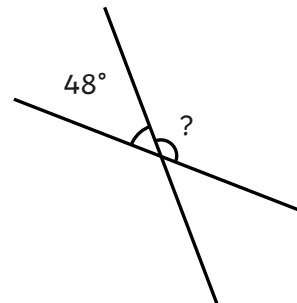
$$\frac{1}{2} \times \frac{1}{2} = \text{  }$$

$$\frac{1}{3} \times \frac{1}{2} = \text{  }$$

$$\frac{1}{3} \times \frac{1}{4} = \text{  }$$

## Section 7

Calculate the unknown angle.



## Section 8

Find 3 pairs of numbers that satisfy these equations:

$a - b = 5$

$c + d = 13$

## Section 1

Round the following numbers to the nearest hundred thousand:

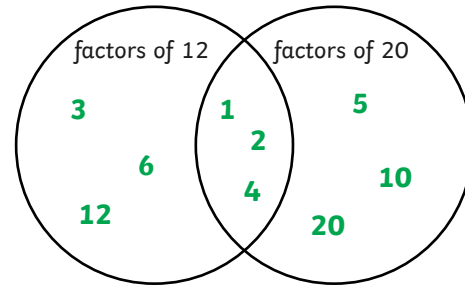
582 000 → **600 000**

350 000 → **400 000**

949 000 → **900 000**

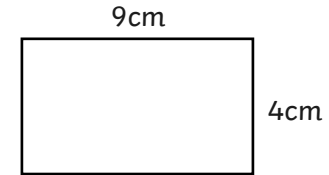
## Section 2

Use this Venn diagram to write the common factors of 12 and 20.



## Section 6

Calculate the area and perimeter of the following rectangle.



**area = 36cm<sup>2</sup>**  
**perimeter = 26cm**

## Section 3

Half of a number is 45. What is the number?

**90**

## Section 4

Calculate:

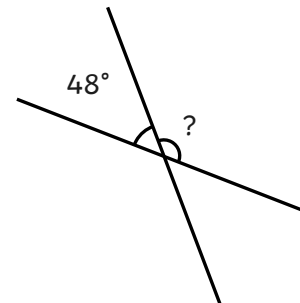
$$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$$

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

$$\frac{1}{3} \times \frac{1}{4} = \frac{1}{12}$$

## Section 7

Calculate the unknown angle.



**132°**

## Section 8

Find 3 pairs of numbers that satisfy these equations:

$$a - b = 5$$

**a = 6, b = 1; a = 7, b = 2;**  
**a = 8, b = 3**

$$c + d = 13$$

**c = 7, d = 6; c = 8, d = 5;**  
**c = 9, d = 4**

## Section 5

Calculate and write the answer as a decimal:

$$\begin{array}{r} 1 \quad 1 \quad 4 \quad . \quad 5 \\ 4 \overline{) 4 \quad 5 \quad 8} \end{array}$$