Year 6 Maths Activity Mat

Section 1

Round the following numbers to the nearest 1 million:
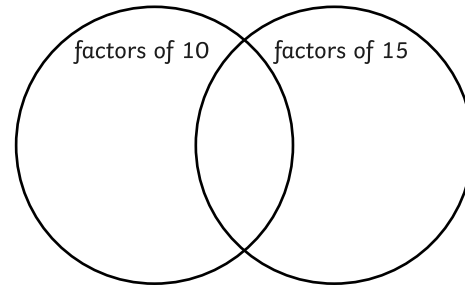
4 561 234 ⟶ [ ]

1 500 000 ⟶ [ ]
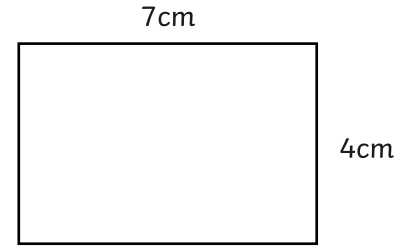
4 499 000 ⟶ [ ]

Section 2

Use this Venn diagram to write the common factors of 10 and 15.

factors of 10   factors of 15

Section 6

Calculate the area and perimeter of the following rectangle.

7cm

4cm

perimeter = [ ]

area = [ ]

Section 3

Half of a number is 28. What is the number?

[ ]
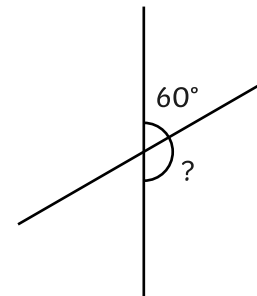
Section 4

Calculate:

$\frac{1}{2} \times \frac{1}{2}$ = [ ]

$\frac{1}{2} \times \frac{1}{3}$ = [ ]

$\frac{1}{4} \times \frac{1}{3}$ = [ ]

$\frac{1}{3} \times \frac{1}{3}$ = [ ]

Section 7

Calculate the unknown angle.

60°

?

[ ]

Section 8

Find 3 pairs of numbers that satisfy these equations:

a - b = 3

[ ]

c + d = 8

[ ]

Section 5

Calculate, writing the answer as a decimal:

4 | 2   7   8

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Year 6 Maths Activity Mat: 3
Answers

Section 1

Round the following numbers to the nearest 1 million:

4 561 234 → **5 000 000**

1 500 000 → **2 000 000**

4 499 000 → **4 000 000**

Section 2

Use this Venn diagram to write the common factors of 10 and 15.

factors of 10 | factors of 15

2 **10** | **1** **5** | **3** **15**

Section 6

Calculate the area and perimeter of the following rectangle.

7cm

4cm
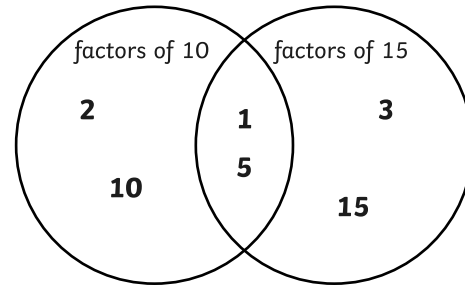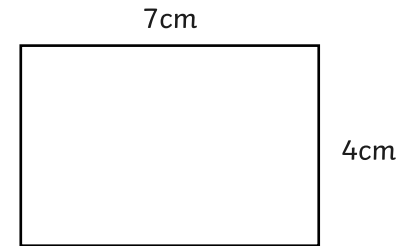
perimeter = **22cm**

area = **28cm²**

Section 3

Half of a number is 28. What is the number?

56

Section 4

Calculate:

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

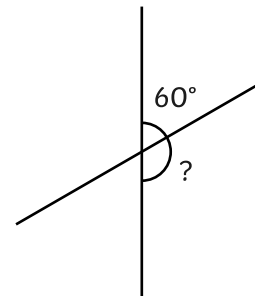$\frac{1}{2} \times \frac{1}{3} =$ **$\frac{1}{6}$**

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

$\frac{1}{3} \times \frac{1}{3} =$ **$\frac{1}{9}$**

Section 5

Calculate, writing the answer as a decimal:

```
      6   9 . 5
  4 | 2   7   8
```

Section 7

Calculate the unknown angle.

60°

?

120°

Section 8

Find 3 pairs of numbers that satisfy these equations:

a - b = 3

a = 4, b = 1; a = 5, b = 2; a = 6, b = 3

c + d = 8

c = 7, d = 1; c = 6, d = 2; c = 5, d = 3