

Year 6 Maths Activity Mat

4

Section 1

The temperature in a freezer is -18°C . The temperature in a freezer section of a fridge is -7°C . What is the difference between these temperatures?

Section 2

Calculate in your head:

$$254 + 340 + 206 = \boxed{}$$

$$281 + 412 + 78 = \boxed{}$$

$$756 - 692 = \boxed{}$$

$$501 - (89 + 62) = \boxed{}$$

Section 3

Calculate:

$$(4 + 3) \times (8 - 3) = \boxed{}$$

$$12 + (4 \times 3) + 8 = \boxed{}$$

$$(33 + 15) \div (3 + 1) = \boxed{}$$

Section 4

Calculate the decimal equivalent of $\frac{1}{6}$.

Section 5

Some children hold a bake sale to raise some money for a local charity. They start with a float of £7.65. The ingredients cost £29.86. At the end of the sale, they count the money and have £79.54. How much money have they raised to the nearest 10p?

Section 6

Write the dimensions of 3 cuboids with a volume of 16cm^3 where the edges are all whole centimetres.

Section 7

Draw a circle. Mark the radius and the diameter.

Section 8

One number is missing from this set of numbers, but the mean is 27. What number is missing?

11
29
43
17
?

Year 6 Maths Activity Mat: 4

Answers

Section 1

The temperature in a freezer is -18°C . The temperature in a freezer section of a fridge is -7°C . What is the difference between these temperatures?

11°C

Section 2

Calculate in your head:

$$254 + 340 + 206 = \mathbf{800}$$

$$281 + 412 + 78 = \mathbf{771}$$

$$756 - 692 = \mathbf{64}$$

$$501 - (89 + 62) = \mathbf{350}$$

Section 3

Calculate:

$$(4 + 3) \times (8 - 3) = \mathbf{35}$$

$$12 + (4 \times 3) + 8 = \mathbf{32}$$

$$(33 + 15) \div (3 + 1) = \mathbf{12}$$

Section 4

Calculate the decimal equivalent of $\frac{1}{6}$.

0.16666

Section 5

Some children hold a bake sale to raise some money for a local charity. They start with a float of £7.65. The ingredients cost £29.86. At the end of the sale, they count the money and have £79.54. How much money have they raised to the nearest 10p?

£42

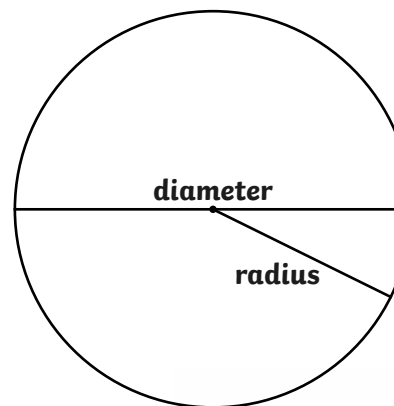
Section 6

Write the dimensions of 3 cuboids with a volume of 16cm^3 where the edges are all whole centimetres.

**E.g. $16 \times 1 \times 1$, $8 \times 2 \times 1$,
 $4 \times 4 \times 1$, $4 \times 2 \times 2$,**

Section 7

Draw a circle. Mark the radius and the diameter.



Section 8

One number is missing from this set of numbers, but the mean is 27. What number is missing?

11
29
43
17
?

35