Year 6 Summer 2 Maths Activity Mat 4

Section 1

At 5:00 p.m., the temperature is 11°C. By 5:00 a.m. the following day, the temperature falls by 16°C. In the following 8 hours, the temperature rises by 9°C. What is the temperature at 1:00 p.m.?

Section 2

Use mental strategies to solve the following calculations:

654 + 260 =

158 + 543 =

478 - 203 =

703 - 245 =

Section 3

Calculate:

$15 \times (18 - 12) =$

$6 + 3 \times 12 =$

$(45 + 27) \div 3 =$

Section 4

Circle any fraction and decimal equivalent to $\frac{9}{10}$.

0.19 $\frac{1}{9}$

          0.9 $\frac{36}{40}$
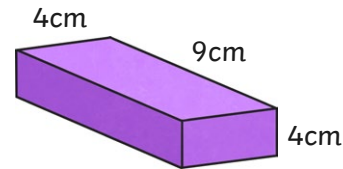
$\frac{19}{20}$ $\frac{90}{100}$

Section 5

Angela has £6.79 in her purse and £15.90 in her bank account. She takes £5 out of her bank account and £2.80 out of her purse and buys a new t-shirt. How much money does she have left altogether, rounded to the nearest 10 pence?
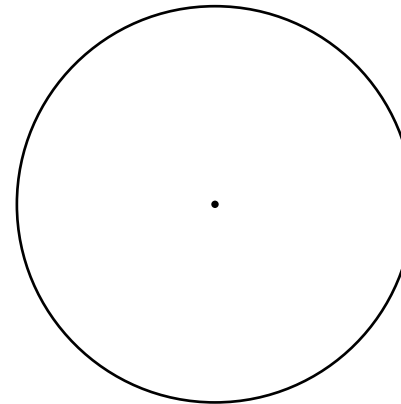
Section 6

Calculate the volume of this cuboid.

4cm   9cm

4cm

Section 7

Draw and label the radius and the diameter of this circle.

Section 8

Find the mean of these numbers:

11

15

27

4

18

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Section 1

At 5:00 p.m., the temperature is 11°C. By 5:00 a.m. the following day, the temperature falls by 16°C. In the following 8 hours, the temperature rises by 9°C. What is the temperature at 1:00 p.m.?

4°C

Section 2

Use mental strategies to solve the following calculations:

654 + 260 = **914**

158 + 543 = **701**

478 - 203 = **275**

703 - 245 = **458**

Section 3

Calculate:

15 × (18 - 12) = **90**

6 + 3 × 12 = **42**

(45 + 27) ÷ 3 = **24**

Section 4

Circle any fraction and decimal equivalent to $\frac{9}{10}$.

0.19

$\frac{1}{9}$

0.9

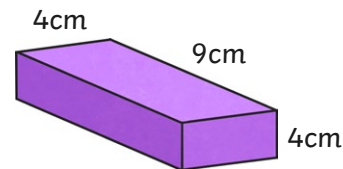$\frac{36}{40}$

$\frac{19}{20}$

$\frac{90}{100}$

Section 5

Angela has £6.79 in her purse and £15.90 in her bank account. She takes £5 out of her bank account and £2.80 out of her purse and buys a new t-shirt. How much money does she have left altogether, rounded to the nearest 10 pence?
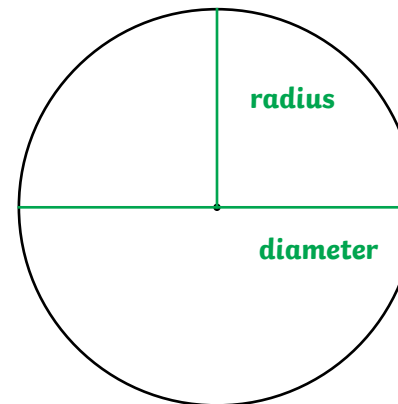
£14.90

Section 6

Calculate the volume of this cuboid.

4cm

9cm

4cm

144cm³

Section 7

Draw and label the radius and the diameter of this circle.

radius

diameter

Section 8

Find the mean of these numbers:

11

15

27

4

18

15