

Year 6 Maths Activity Mat

Section 1

At 4am, the temperature is -3°C . By midday the temperature has risen by 11°C . In the following 11 hours, the temperature falls by 14°C . What is the temperature at 11pm?

Section 2

Calculate in your head:

$254 + 340 = \text{[]}$

$281 + 412 = \text{[]}$

$756 - 106 = \text{[]}$

$501 - 89 = \text{[]}$

Section 3

Calculate:

$11 \times (7 + 2) = \text{[]}$

$9 + (5 \times 5) = \text{[]}$

$(21 + 9) \div 3 = \text{[]}$

Section 4

Circle any fraction and decimal equivalent to $\frac{3}{10}$.

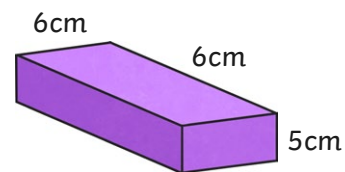
0.3 $\frac{9}{30}$
 0.35 $\frac{10}{40}$
 $\frac{1}{3}$ $\frac{6}{20}$

Section 5

Angela has $\pounds 5.24$ in her purse, $\pounds 17.29$ in her bank account and $\pounds 2.67$ in her pocket. How much money has she altogether, rounded to the nearest pound?

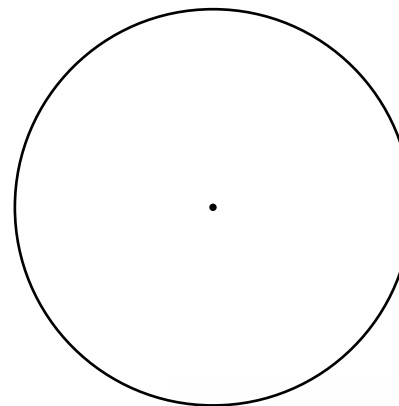
Section 6

Calculate the volume of this cuboid:



Section 7

Draw the radius and the diameter of this circle:



Section 8

Find the mean of these numbers:

 12
 16
 17
 19
 11

Year 6 Maths Activity Mat: 4 Answers

Section 1

At 4am, the temperature is -3°C .
By midday the temperature has risen by 11°C . In the following 11 hours, the temperature falls by 14°C . What is the temperature at 11pm?

-6°C

Section 2

Calculate in your head:

$$254 + 340 = \mathbf{594}$$

$$281 + 412 = \mathbf{693}$$

$$756 - 106 = \mathbf{650}$$

$$501 - 89 = \mathbf{412}$$

Section 3

Calculate:

$$11 \times (7 + 2) = \mathbf{99}$$

$$9 + (5 \times 5) = \mathbf{34}$$

$$(21 + 9) \div 3 = \mathbf{10}$$

Section 4

Circle any fraction and decimal equivalent to $\frac{3}{10}$.

0.3 $\frac{9}{30}$ $\frac{10}{40}$
0.35
 $\frac{1}{3}$ $\frac{6}{20}$

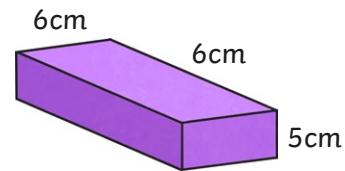
Section 5

Angela has $\pounds 5.24$ in her purse, $\pounds 17.29$ in her bank account and $\pounds 2.67$ in her pocket. How much money has she altogether, rounded to the nearest pound?

$\pounds 25$

Section 6

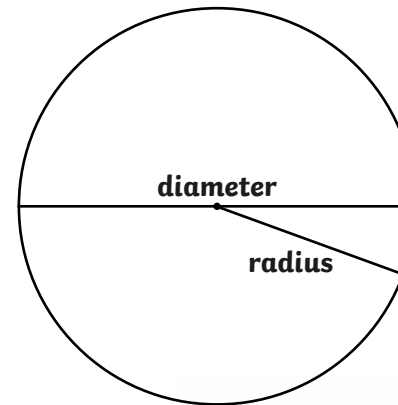
Calculate the volume of this cuboid:



180cm^3

Section 7

Draw the radius and the diameter of this circle:



Section 8

Find the mean of these numbers:

12
16
17
11
19

15