



## Section 1

At 8:00 p.m., the temperature is 7°C. By 6:00 a.m. the following morning, the temperature is -4°C. Calculate the difference in temperature between 8:00 p.m. and 6:00 a.m.

**11°C**

## Section 2

Use mental strategies to solve the following calculations:

$18 + 48 =$  **66**

$62 + 22 =$  **84**

$92 - 54 =$  **38**

$102 - 27 =$  **75**

## Section 3

Calculate:

$2 \times (6 - 3) =$  **6**

$7 + 2 \times 2 =$  **11**

$(6 + 8) \div 2 =$  **7**

## Section 4

Circle any fraction and decimal equivalent to  $\frac{1}{4}$ .

0.25       $\frac{2}{8}$        $\frac{4}{20}$   
 0.4       $\frac{3}{12}$        $\frac{1}{6}$

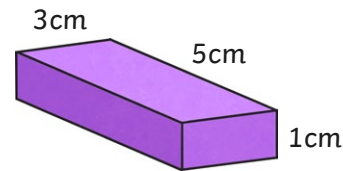
## Section 5

James has £5.23 in his money jar. He takes out £2.40. How much money does he have left in the money jar, rounded to the nearest 10 pence?

**£2.80**

## Section 6

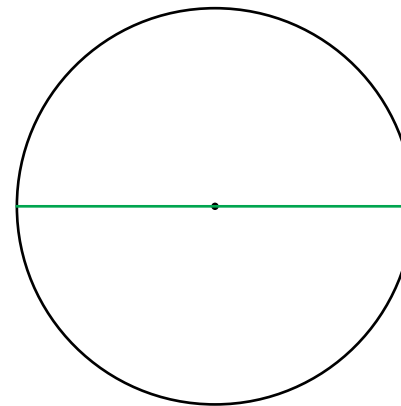
Calculate the volume of this cuboid.



**15cm<sup>3</sup>**

## Section 7

Draw the diameter of this circle.



## Section 8

Find the mean of these numbers:

- 6  
5  
6  
11

**7**