

Procedural Revision

9

Year 7

Q1 Number Facts

Work out:

$$146 - 78$$

Q2 Number Facts

$$\boxed{280} \div \boxed{?} = \boxed{40}$$

Q3 Number Facts

What number is half a million?

Q4 Fractions, Decimals & Percentages



What is the sale price?

Q5 Fractions, Decimals & Percentages

$$\frac{1}{8}$$

Fraction

=

Decimal

=

Percentage

Q6 Fractions, Decimals & Percentages

Write in order.

0.3 $\frac{1}{5}$ 50% 0.05

smallest

largest

Q7 Mental & Written Methods

Work out:

$$5 \div 0.2$$

Q8 Mental & Written Methods - BIDMAS

Work out:

$$15 - (3 + 5 \times 2)$$

Q9 Mental & Written Methods

Fill in the missing decimal:

$$\boxed{15} \div \boxed{} = \boxed{30}$$

Q10 Estimate & Check

Round 423.5654 to 2 decimal places

Q11 Angles & Bearings

The clock shows 11:00



What time will it show when the **minute** hand has turned through 180°

Q12 Money

Megan buys juice and biscuits.

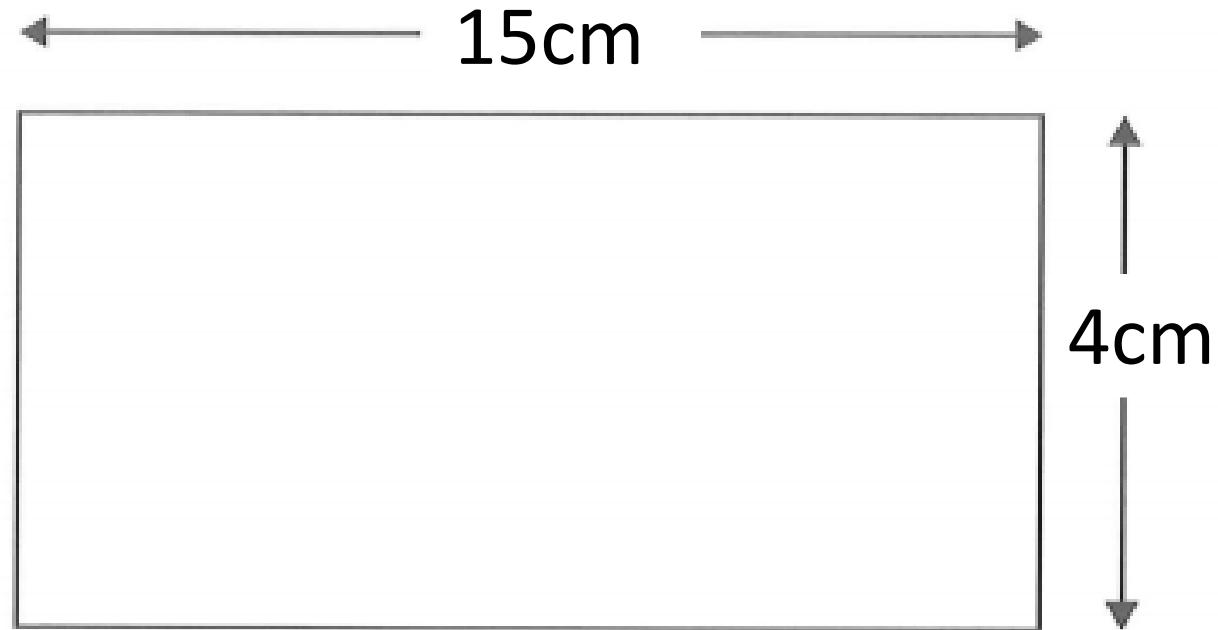


She pays with a £5 note.

How much change should she get?

Q13 Area and Volume

Find the area of this rectangle:



Q14 Ratio & Proportion

To make Bara Brith for 8 people you need
350 grams of dried fruit.

How many **kilograms** of dried fruit do you need
for 20 people?



Q15 Ratio & Proportion

In a nursery school, the ratio of adults to children is 1:6.

There are 72 children.

How many adults are there?

Q16 Averages

Time	7am	11am	3pm	7pm	11pm
Temperature (°C)	8	10	10	2	-5

What is the **range** of the temperatures?

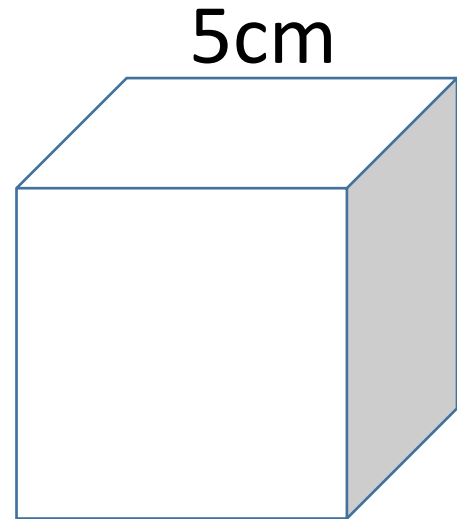
°C

Work out the **mean** of the temperatures.

°C

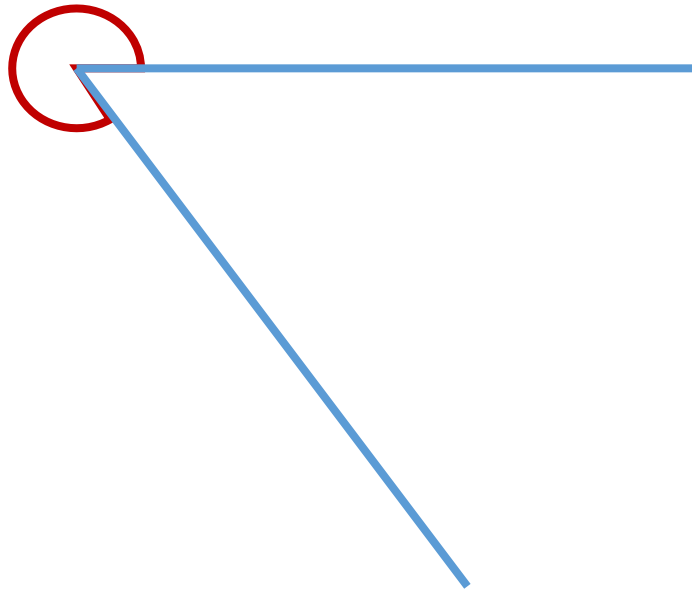
Q17 Area & Volume

Find the volume of this cube:



Q18 Angle & Position

What type of angle is this?



Q19 Present & Analyse Data

Complete the frequency table for the list of prices.

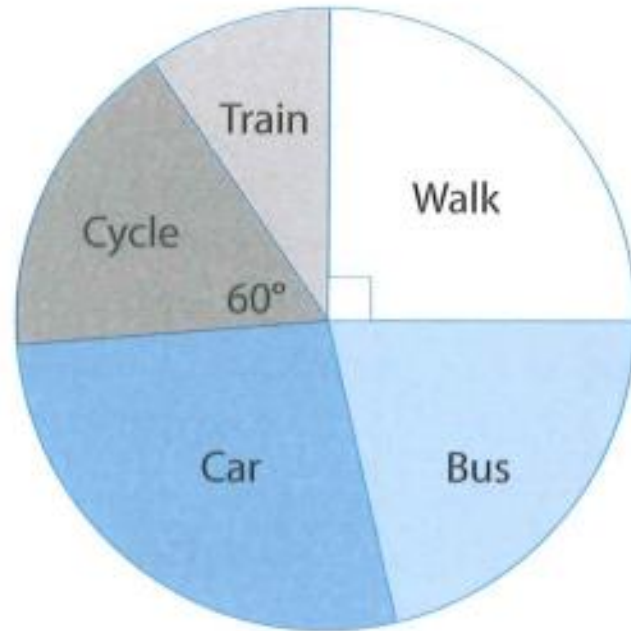
99p	£3.72
£12.45	£4.98
£11.01	£18.50
£9.99	£6.40
£15.55	£19.00

Frequency table

Price (£)	Frequency
0–4.99	
5–9.99	
10–19.99	

Q20 Present & Analyse Data

How pupils in Year 7 travel to school



There are 240 pupils altogether.

How many of them **walk** to school?

How many of them **cycle**?