

Procedural Revision

1b

Year 8

Q1 Number Facts

Work out:

Reciprocal of 3

Q2 Number Facts

Work out:

$$3.5 \div 5$$

Q3 Number Facts

Work out:

$$2000 - ? = 1485$$

Q4 Fractions, Decimals & Percentages

Mr Evans buys a house for £50 000.

It increases in value by 5%

What is it's new value?

Q5 Fractions, Decimals & Percentages

Find:

27% of 240

Q6 Fractions, Decimals & Percentages

Work out:

$$\frac{3}{4} - \frac{1}{2}$$

Q8 Ratio & Proportion

Sian and Rhys share the profit from a car boot sale in the ratio 5:2.

If Sian gets £30. How much does Rhys get?

Q9 Mental & Written Methods

Work out :

$$48.5 + 2.83$$

Q10 Mental & Written Methods

Work out:

$$18 - (7 + 3) \div 2$$

Q11 Estimate & Check

Round to three significant figures

475 604

Q12 Money

Mr Jones invests £500 at 5% p.a. for 2 years.

What is the simple interest earned?

Q13 Length, Weight, Capacity

Carrots cost 8p per 100g

Find the cost of 2kg

Q14 Length, Weight, Capacity

$$1 \frac{1}{2} \text{ km} = \underline{\hspace{2cm}} \text{ cm}$$

Q15 Time

John ran a race in 14.3 seconds.

Next time he was $\frac{2}{10}$ of a second quicker.

How long did he take?

Q16 Time

TOWN		
Cardiff	07.52	09.46
Crosskeys	08.12	10.04
Ebbw Vale	08.25	10.18

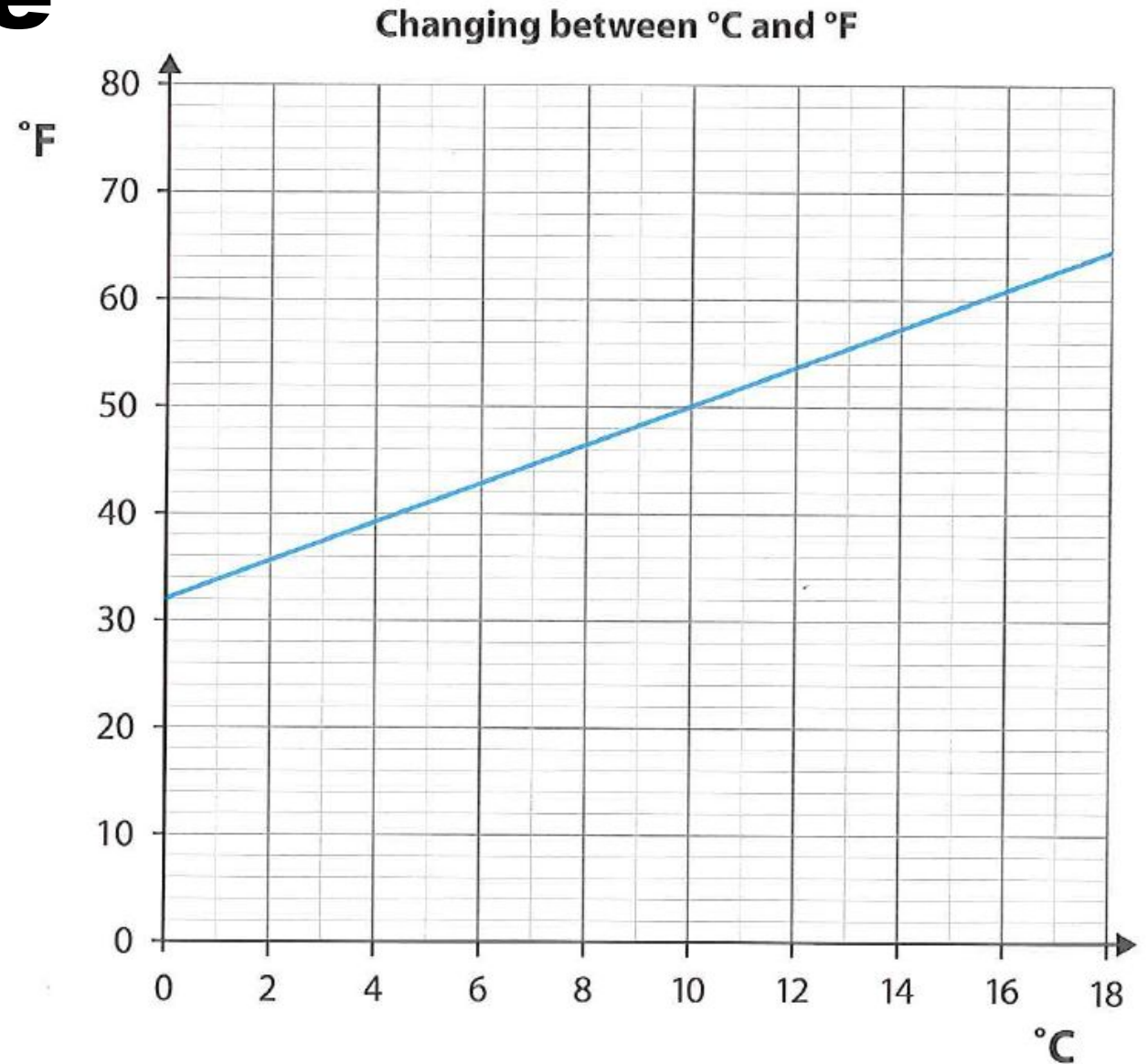
The timetable show the train times from Cardiff to Ebbw Vale

How long is the journey between Cardiff and Ebbw Vale?

Q17 Temperature

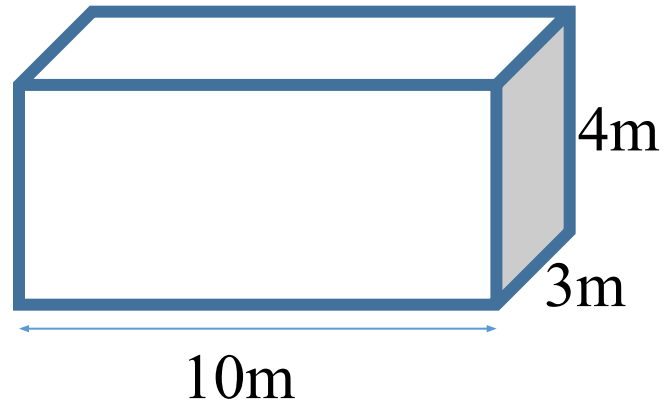
Find:

$$10^{\circ}\text{C} = ?^{\circ}\text{F}$$



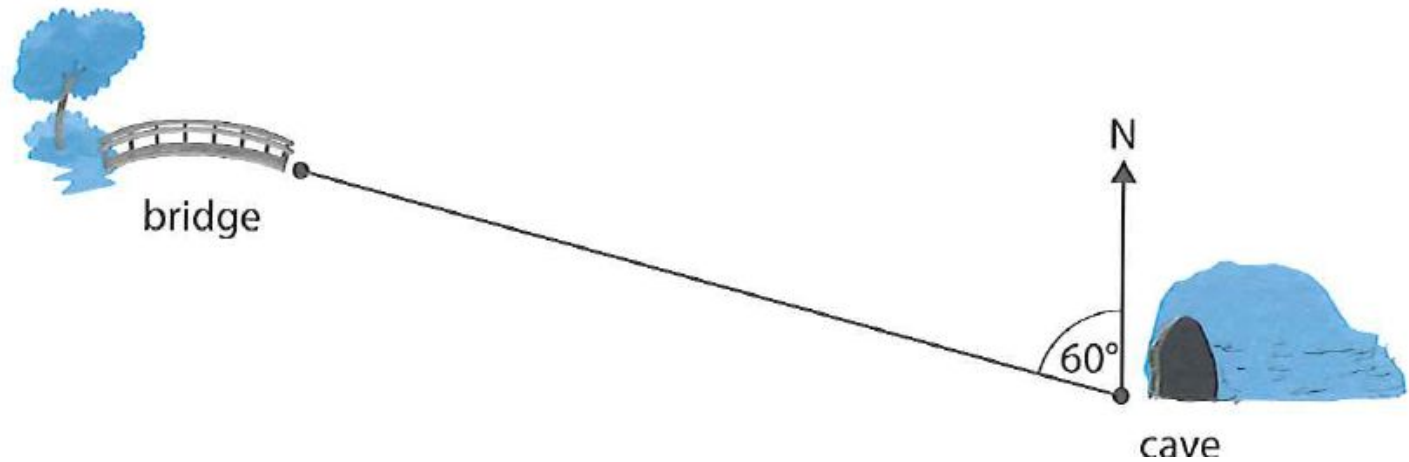
Q19 Area & Volume

Find the volume of this cuboid.



Q19 Angle & Position

Neil is at the cave. On what bearing must he walk to get to the bridge?



Q20 Interpret Results

Bryn asks his friends to choose their favourite rock group. He draws a pie chart to show the results.

What fraction chose the Manics?

