

# **Procedural Revision**

## **2b**

Year 8

# Q1 Number Facts

Work out:

Reciprocal of 8

# Q2 Number Facts

Work out:

$$5.6 \div 8$$

# Q3 Number Facts

Work out:

$$4.6 + ? = 10$$

# Q4 Fractions, Decimals & Percentages

Mr Jones buys a house for £60 000.

It increases in value by 10%

What is it's new value?

# Q5 Fractions, Decimals & Percentages

Find:

35% of 280

# Q6 Fractions, Decimals & Percentages

Work out:

$$\frac{5}{8} + \frac{1}{4}$$

# Q7 Fractions, Decimals & Percentages

$$\boxed{\phantom{0.75}} = \boxed{0.75} = \boxed{\phantom{0.75}}$$

Fraction                  Decimal                  Percentage

## Q8 Ratio & Proportion

Sian and Rhys share the profit from a car boot sale in the ratio 2:1.

If Sian gets £28. How much does Rhys get?

# Q9 Mental & Written Methods

Work out :

$$48.9 - 32.43$$

# Q10 Mental & Written Methods

Work out:

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

# Q11 Estimate & Check

Round to three significant figures

6 273 469

## Q12 Money

Mr Jones invests £300 at 5% p.a. for 3 years.

What is the simple interest earned?

# Q13 Length, Weight, Capacity

Potatoes cost 21p per 200g

Find the cost of 5kg

# Q14 Length, Weight, Capacity

$$4 \frac{1}{2} \text{ km} = \underline{\hspace{2cm}} \text{ cm}$$

## Q15 Time

John ran a race in 25.4 seconds.

Next time he was  $\frac{8}{10}$  of a second quicker.

How long did he take?

## Q16 Time

TOWN	
Cardiff	07.52
Bristol	08.12
Reading	09.45

The timetable show the train times from Cardiff to Reading

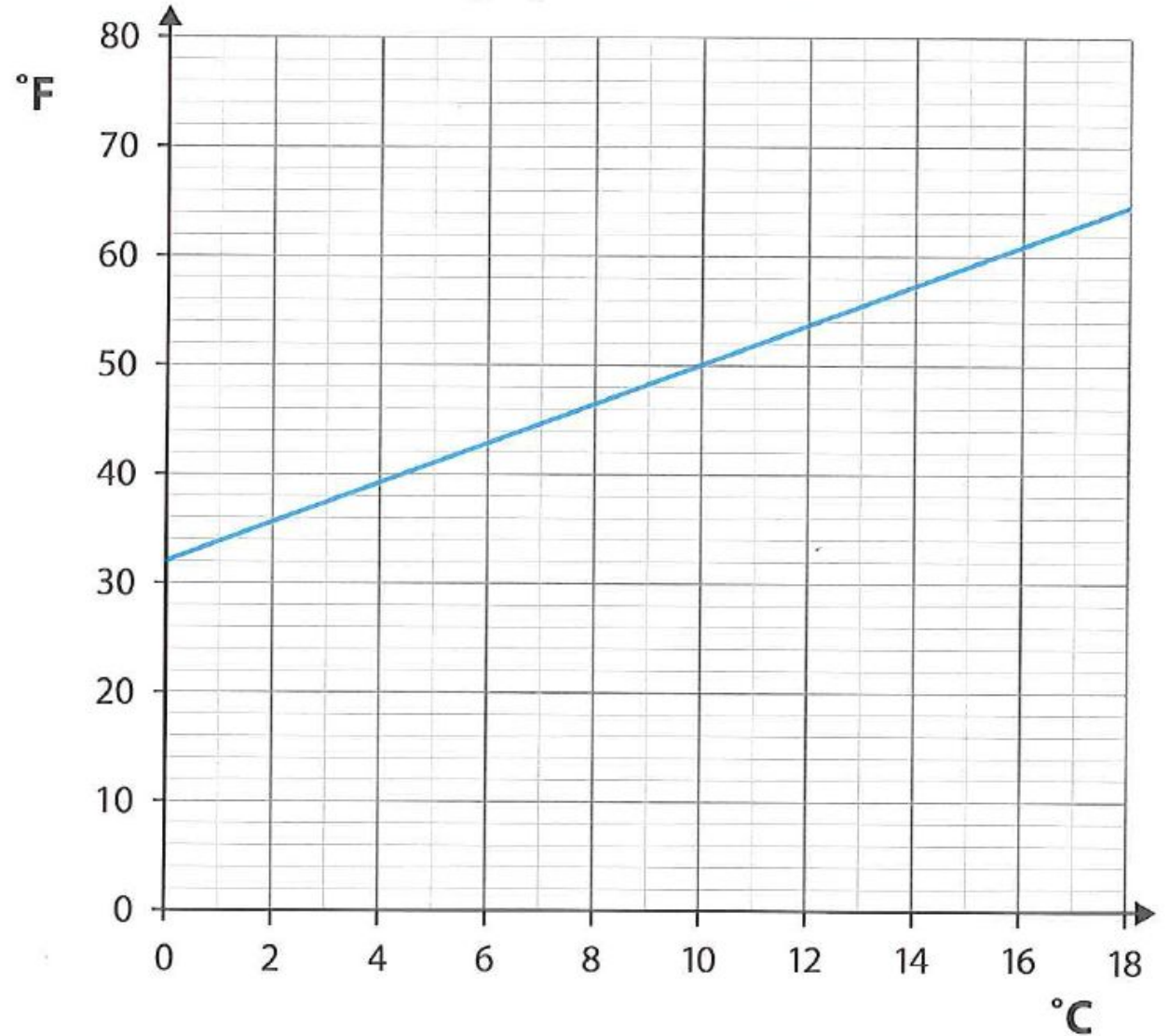
How long is the journey between Cardiff and Reading?

# Q17 Temperature

Estimate

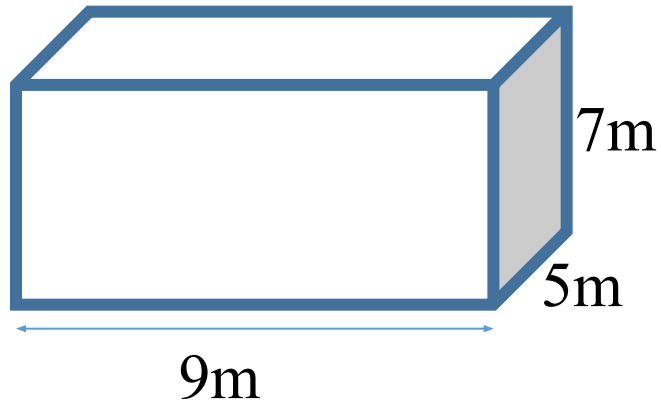
4°C in °F

Changing between °C and °F



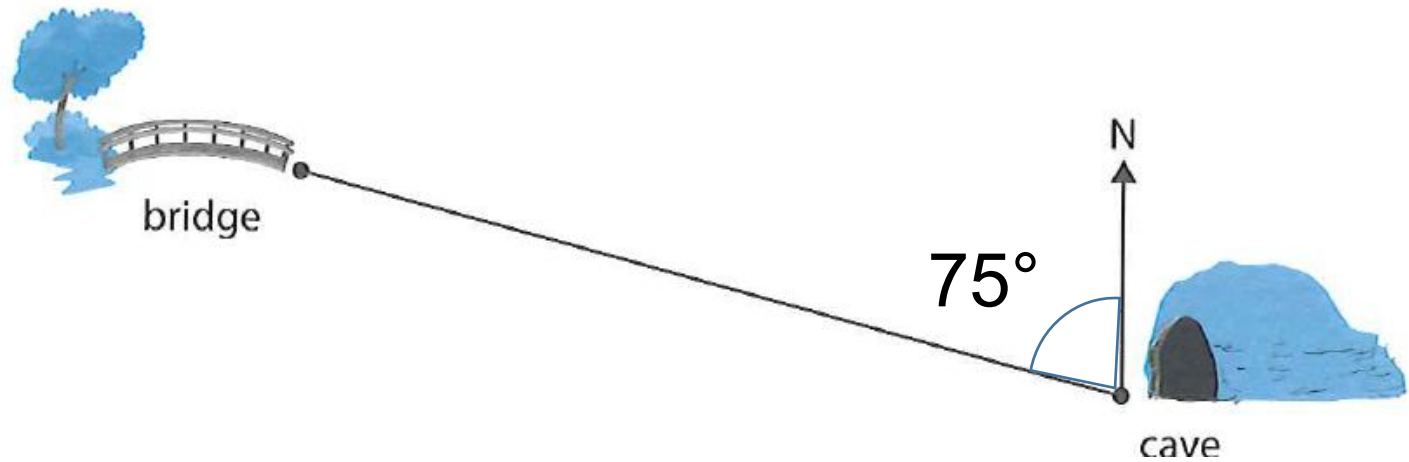
# Q19 Area & Volume

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 Phonics?

