

Procedural Revision

1b

Year 9

Q1 Number Facts

Work out the:

Cube root of 64

Q2 Number Facts

Work out:

$$1.8 \div 0.2$$

Q3 Number Facts

Work out:

$$? - 43.7 = 62.4$$

Q4 Number Facts

Work out:

$$10^7 \times 10^2$$

Q5 Number Facts

Complete this table:

Number	Standard Form
0.00047	4.7×10^{-4}
	2.3×10^{-3}

Q6 Fractions, Decimals, Percentages & Ratio

Work out:

10% of a number is 9. What is the number?

Q7 Fractions, Decimals, Percentages & Ratio

Write $<$, $>$ or $=$ in the middle box

40%		$\frac{2}{5}$
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Q8 Fractions, Decimals, Percentages & Ratio

Write $\frac{23}{4}$ as a mixed number

Q9 Fractions, Decimals, Percentages & Ratio

Dean and Anna each invest £500.

After one year:

Dean's decreases by 5%

Anna's increases by 5%

How much more does Anna have than Dean?

Q10 Fractions, Decimals, Percentages & Ratio

Sian and Rhys share a prize in the ratio 2:3

If Sian gets £42, how much does Rhys get?

Q11 Mental & Written Methods

Work out:

$$427 + 18.2 + 1.937$$

Q12 Estimate & Check

Work out:

$$14.3 \times 2.1$$

Q13 Mental & Written Methods

Work out:

$$(12 - 9)^2 + 8 \div 2$$

Q14 Estimate & Check

Estimate:

$$19.8 \times 8.7$$

Q15 Money

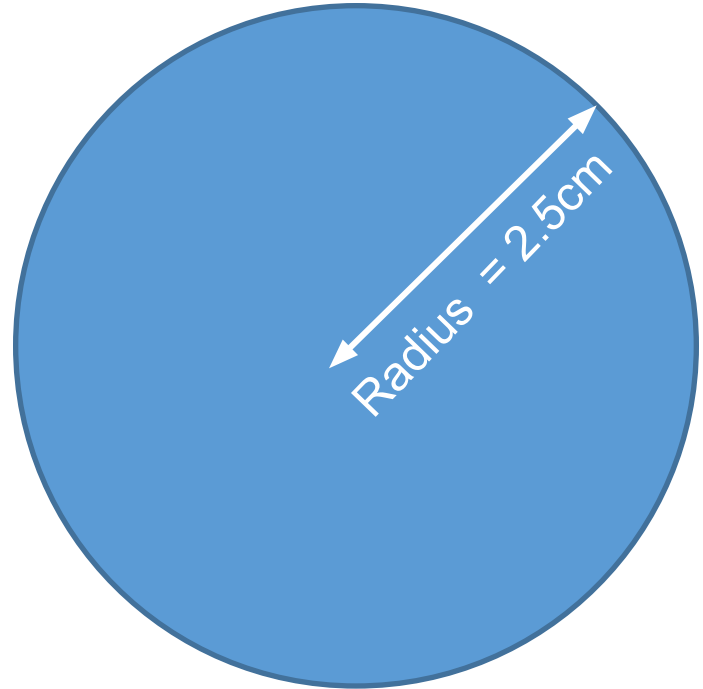
$$\text{£}1 = \text{€}1.2$$

Convert £300 into Euros

Q16 Length, Weight & Capacity

- Find the **circumference**

Use $\pi = 3.14$



Q17 Length, Weight & Capacity

500 grams of tomatoes cost £1.76

How much will 1.75kg cost?

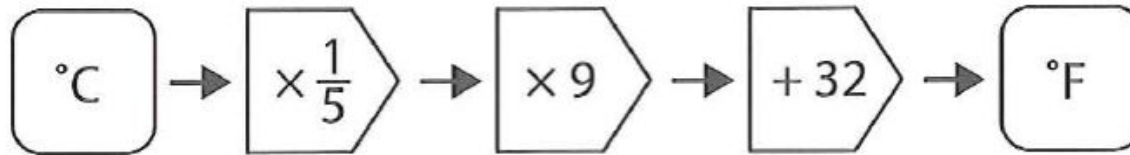
Q18 Length, Weight & Capacity

It takes David 1 hour and 30 minutes to drive 63 miles.

What was his average speed?

Q19 Temperature

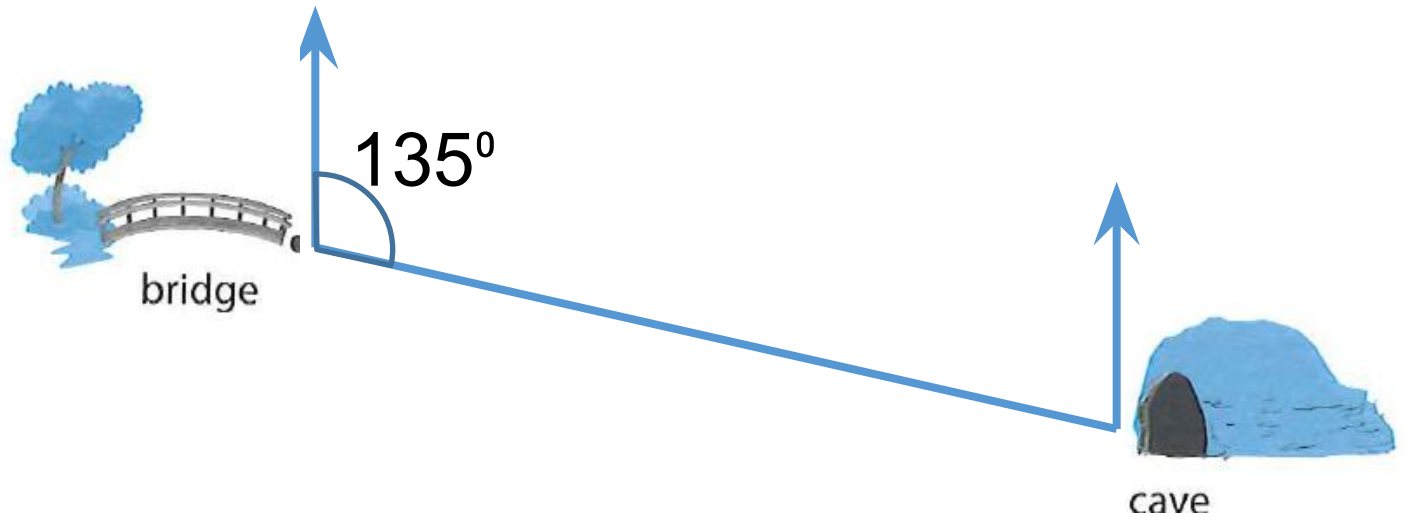
Formula to change temperature in °C to °F



Convert:

55°C to °F

Q20 Angle & Position



What is the bearing from the bridge to the tree?