

Procedural Revision

2a

Year 9

Q1 Number Facts

Work out:

$$3^3 - 3^2$$

Q2 Number Facts

Work out:

$$0.4 \times 0.2$$

Q3 Number Facts

Work out:

$$? - 25.6 = 53.9$$

Q4 Number Facts

Work out:

$$10^9 \div 10^3 =$$

Q5 Number Facts

Complete this table:

Number	Standard Form
40000	4×10^4
2500	?

Q6 Fractions, Decimals, Percentages & Ratio

Work out:

20% of 90

Q7 Fractions, Decimals, Percentages & Ratio

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

0.7		$\frac{4}{5}$
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Q8 Fractions, Decimals, Percentages & Ratio

How many quarters are in $5\frac{3}{4}$?

Q9 Fractions, Decimals, Percentages & Ratio

David invests £500 in an account.

After a year the amount has decreased by 8% .

How much money is in the account now?

Q10 Fractions, Decimals, Percentages & Ratio

Sian and Rhys share £72 in the ratio 3:5

How much each do they get?

Q11 Mental & Written Methods

Work out:

$$1004 - 52.5$$

Q12 Estimate & Check

Work out:

$$5.49 \div 0.9$$

Q13 Mental & Written Methods

Work out:

$$2 \times 5^3$$

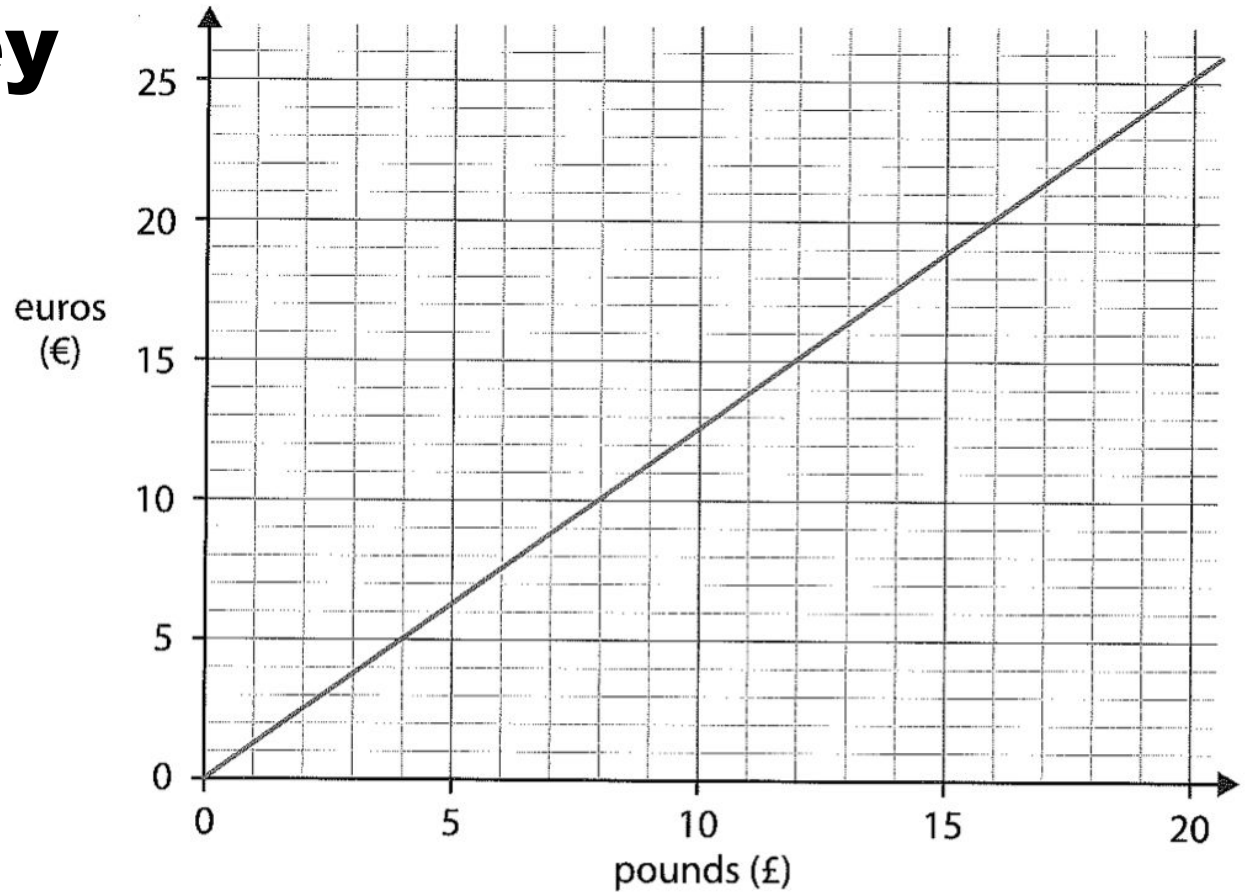
Q14 Estimate & Check

A calculator shows 17.935

Round to 2 decimal places

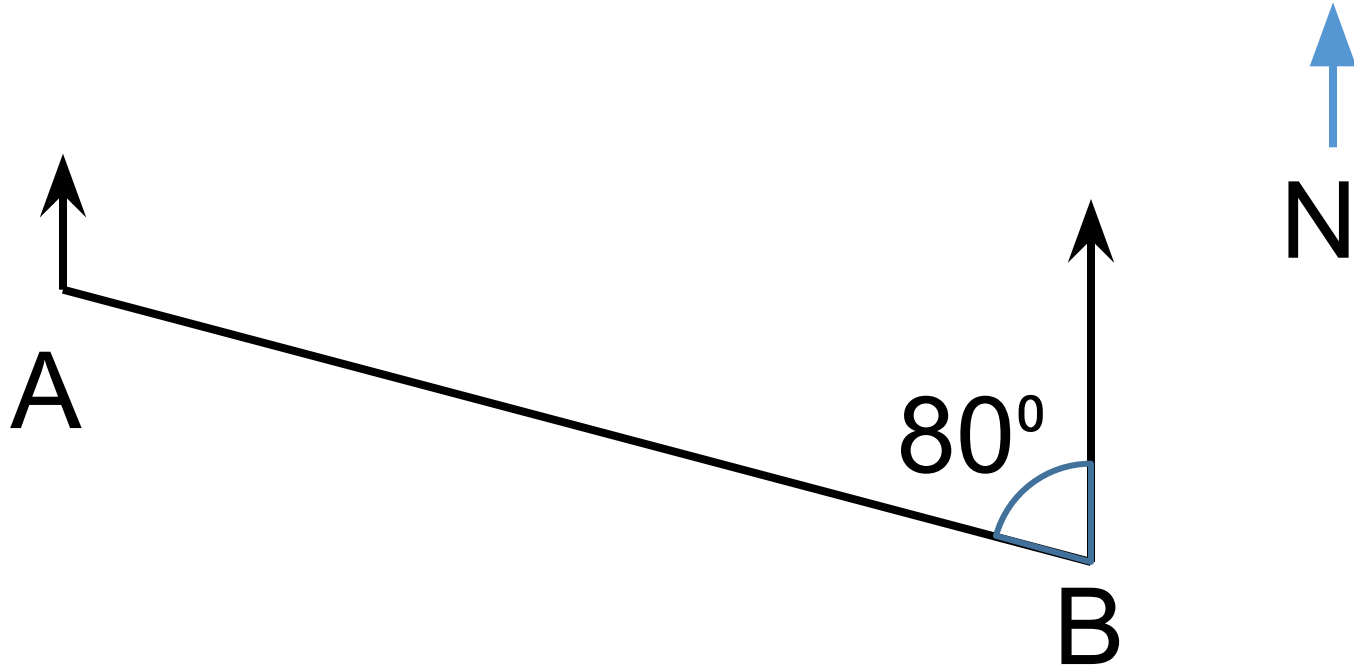
Q15 Money

Exchange rate graph for pounds (£) and euros (€)



€10 euros = £ _____

Q16 Angle & Position

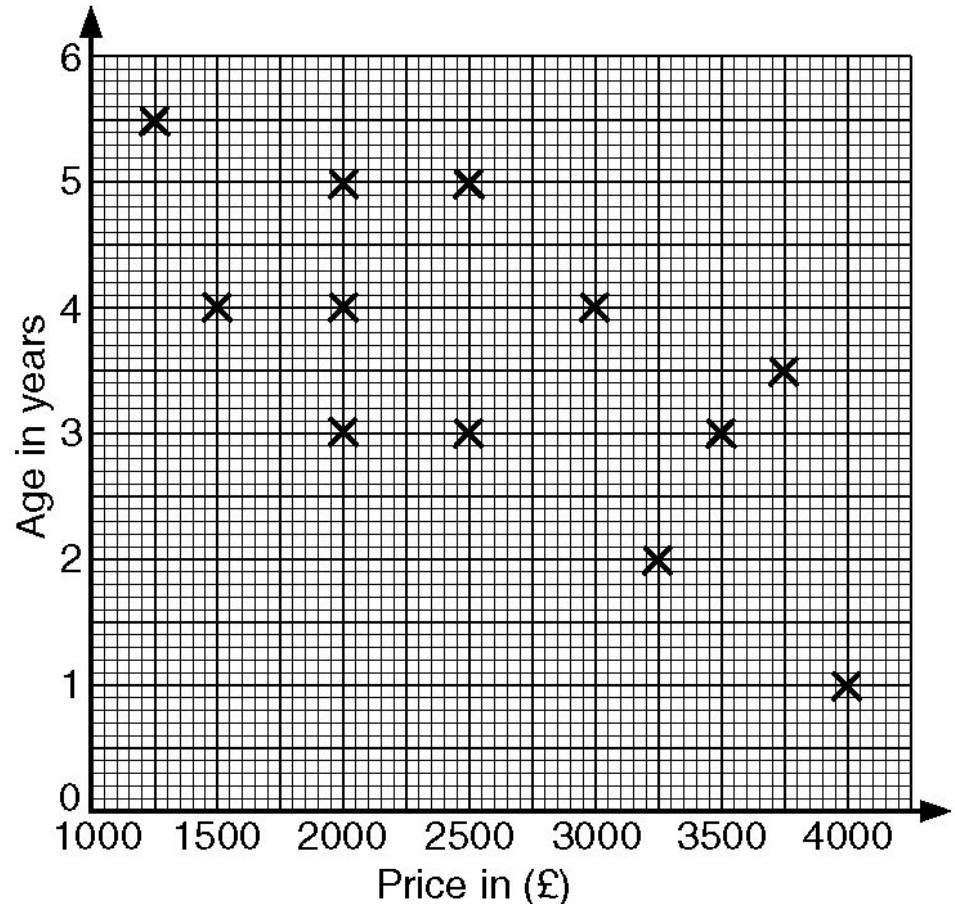


What is the bearing of B from A?

Q17 Present & Analyse Data

The scatter graph shows the price and age of some Cars.

What correlation does this scatter graph show?



Q18 Interpret Results

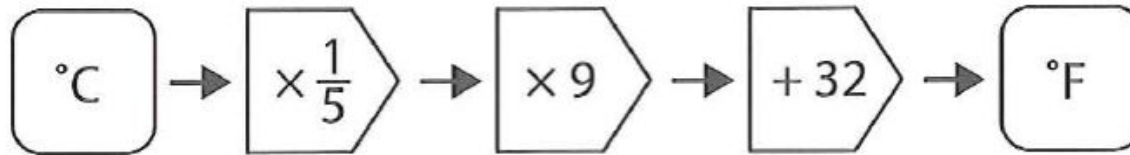
Here are the ages of a group of people on a school trip:

11, 11, 60, 10, 12, 11, 11

What is the median age?

Q19 Temperature

Formula to change temperature in °C to °F



Convert:
10°C to °F

Q20 Area & Volume

- Find the **area** of this circle.

Use $\pi = 3.14$

