

6th December

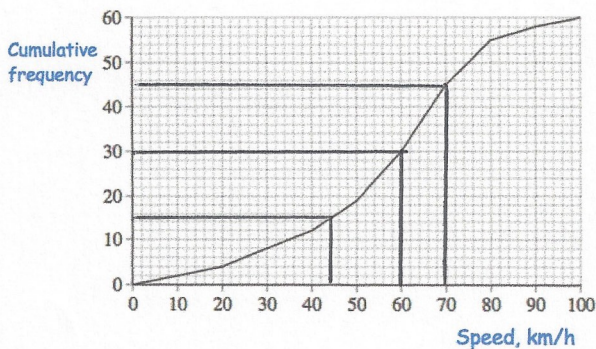


Corbettmaths

$$1\frac{4}{7} \div 2\frac{3}{4}$$

$$\frac{11}{7} \div \frac{11}{4}$$

$$\frac{11}{7} \times \frac{4}{11} = \frac{44}{77} = \frac{4}{7}$$



Estimate the median speed.

60 km/h

Estimate the interquartile range of the speeds.

$$70 - 44 = 26 \text{ km/h}$$

Work out

$$\frac{3 \times 10^5}{5 \times 10^{-4}}$$

Give your answer in standard form

$$0.6 \times 10^9$$

$$6 \times 10^8$$



$$108 \times (1.3)^3$$

$$256 \text{ g}$$

Two clay models of the Statue of Liberty are mathematically similar.

The smaller model has a height of 15cm. $\times 1.3$

The larger model has a height of 20cm.

The smaller model weighs 108g.

Work out the weight of the larger model.