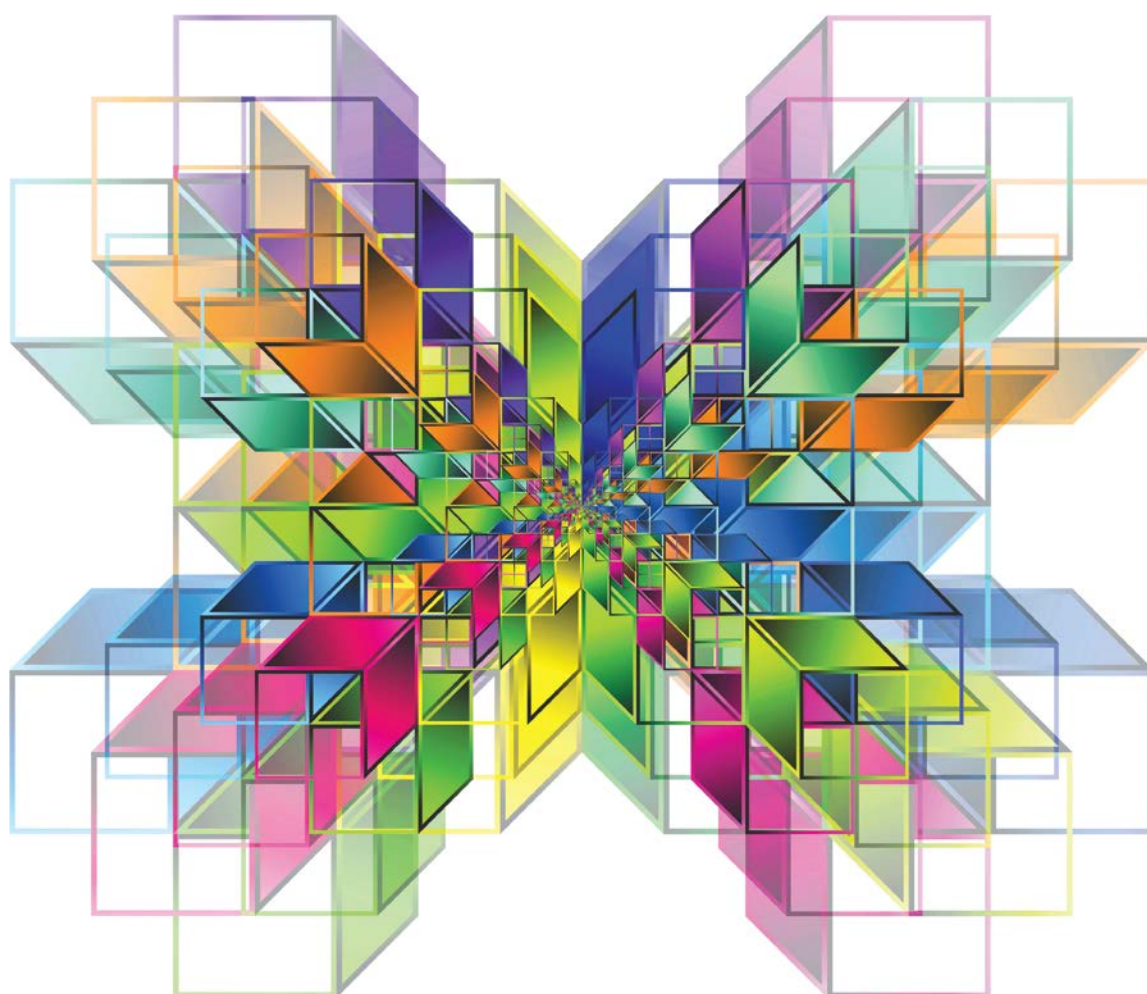


GCSE Maths

Summer hub schools network meeting

Example questions

Published: Summer 2019



2018 Foundation/Higher Paper 2 Q26/8 (R7, A03)

8 Theo starts with savings of £18
James starts with no savings.

Each week from now,

Theo will save £4.50 and James will save £4

In how many weeks will Theo and James have savings in the ratio 15 : 8 ?

[3 marks]

2018 Foundation/Higher Paper 2 Q24/Q6 (R9, A03)

6 The table shows information about the population of a city.

Population in 2001	Population in 2011
420 000	480 000

Liam claims,

“From 2011 to 2021 the population of the city will increase by the same percentage as from 2001 to 2011”

He works out,

$$\begin{aligned}\text{population increase from 2001 to 2011} &= 480\,000 - 420\,000 \\ &= 60\,000\end{aligned}$$

$$\begin{aligned}\text{population in 2021} &= 480\,000 + 60\,000 \\ &= 540\,000\end{aligned}$$

Does the population of 540 000 match his claim?

You **must** show your working.

[3 marks]

2018 Foundation/Higher Paper 3 Q28/Q9 (R9, A03)

28 The cost of a ticket increases by 10% to £19.25

Work out the original cost.

[3 marks]

Contact us

T: 0161 957 3852

E: maths@aqa.org.uk

aqa.org.uk