



Which of these is a geometric progression?

4, 6, 8, 10, 12

4, 8, 16, 32, 64

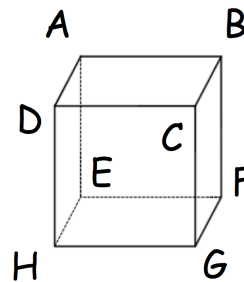
4, 6, 10, 16, 24

4, 7, 12, 19, 28

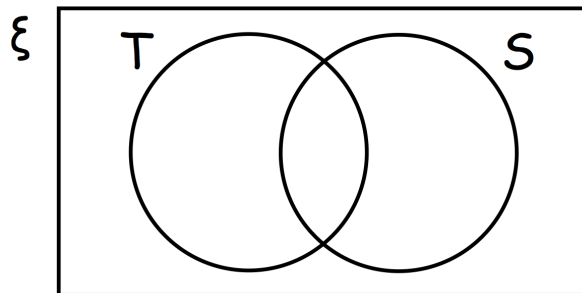
C is the point (6, -3)
D is the point (9, -12)

Does the point E(-17, 60) lie on the straight line passing through CD?

ABCDEFGH is a cube.
AG = 8cm
Work out the volume of the cube.
Give your answer to 1 decimal place.



60 people attended a charity coffee morning.
45% of the people had tea without a scone.
13 people had neither tea nor a scone.
70% of the people who had a scone had tea.
Complete the Venn diagram



What fraction of the people had a scone?

What fraction of the people who had tea, did not have a scone?