

Past SATs Questions

Solve problems involving similar shapes where the scale factor is known or can be found

2017 Paper 2 Q22

1 mark

1:4

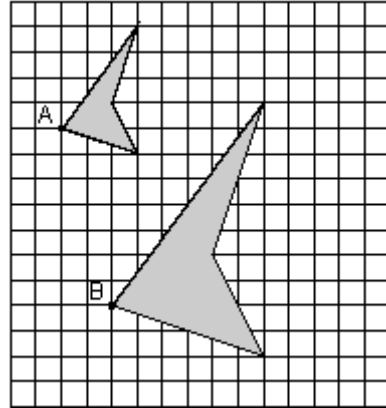
Accept other equivalent ratios, e.g. 2:8 or 0.5:2

Do not accept reversed ratios, e.g. 4:1 or 8:2

2000 Paper C Q3

2 marks

Award **TWO** marks for a correct drawing as shown below:



2018 Paper 3 Q9

2 marks

108

2017 Paper 2 Q21

2 marks

Award **TWO** marks for the correct answer of 12.5

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

- $250 \div 20$

OR

- 20 km is 1 cm
100 km is 5 cm
50 km is 2.5 cm
5 cm + 5 cm + 2.5 cm