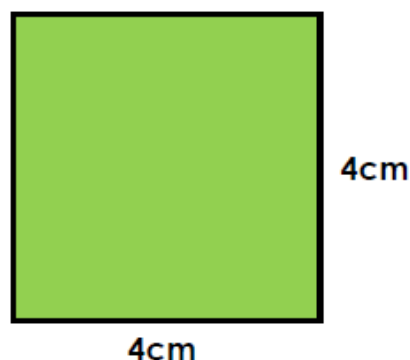


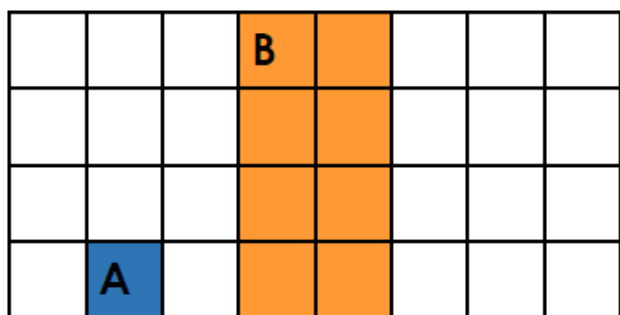
1a. Enlarge this shape by a scale factor of 3.



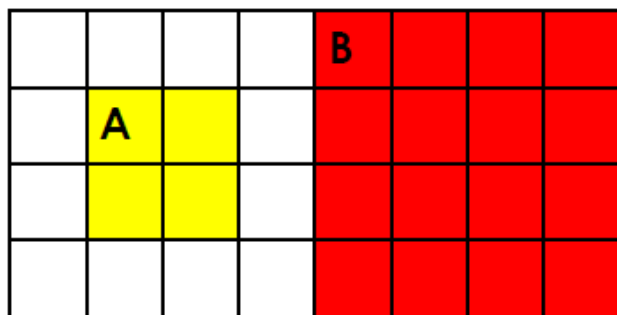
1b. Enlarge this shape by a scale factor of 4.



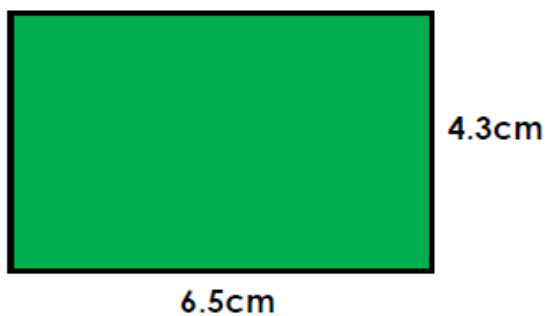
4a. True or false?
Shape A has been increased by a scale factor of 3 to create shape B.



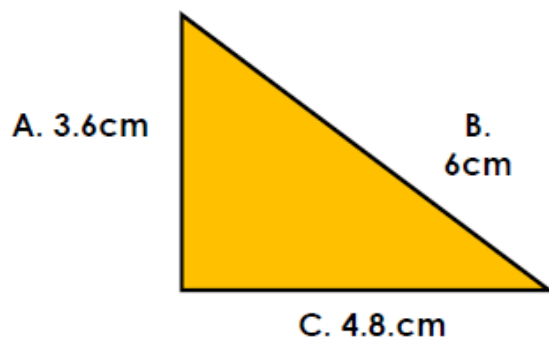
4b. True or false?
Shape A has been increased by a scale factor of 2 to create shape B.



5a. Enlarge this shape by a scale factor of 2.



5b. Enlarge this shape by a scale factor of 3.



Not to scale

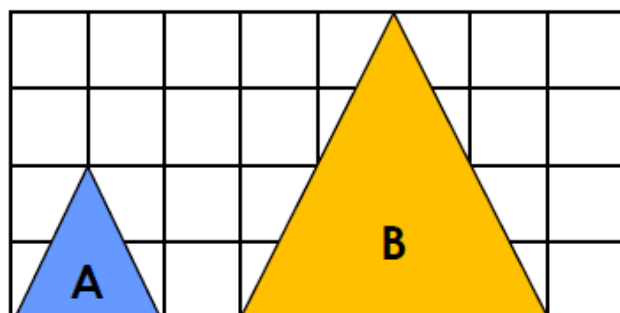
VF



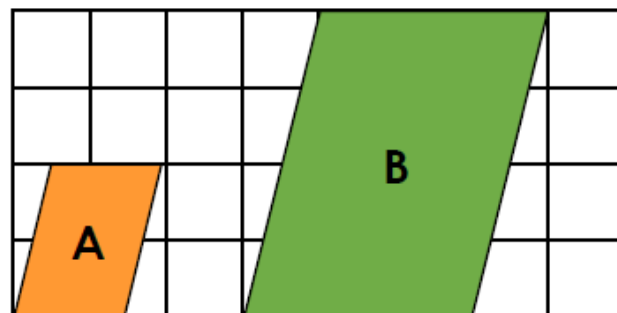
Not to scale

VF

8a. True or false?
Shape A has increased by a scale factor of 2 to create shape B.



8b. True or false?
Shape A has increased by a scale factor of 2.5 to create shape B.



Answers

1a. A rectangle; width 9cm; height 15cm

1b. A square; height 16cm; width 16cm

4a. False. It has not been enlarged by a scale factor as the width has been doubled, but the height quadrupled.

4b. True

5a. A rectangle; height 8.6cm; width 13cm

5b. A triangle; A: 10.8cm B: 18cm C: 14.4cm

8a. True

8b. False. It has increased by a scale factor of 2.