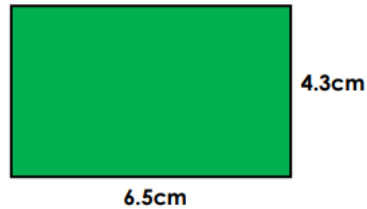


1

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

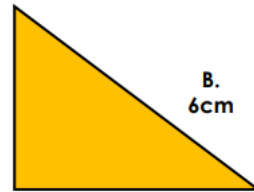


Not to scale

VF

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

A. 3.6cm



B. 6cm

C. 4.8cm



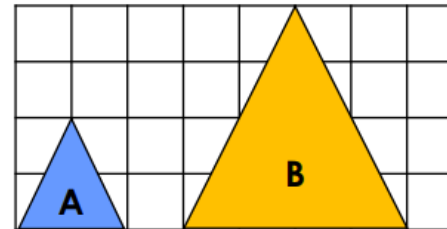
Not to scale

VF

2

8a. True or false?

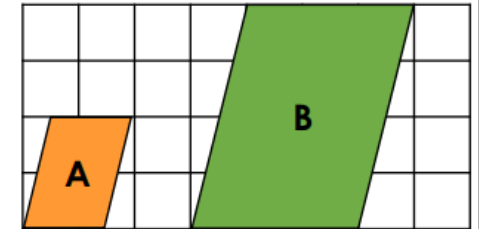
Shape A has increased by a scale factor of 2 to create shape B.



VF

8b. True or false?

Shape A has increased by a scale factor of 2.5 to create shape B.



VF

3

5a. Mohammad says,



If I enlarge the shape by a scale factor of 4, the new perimeter will be 58.4cm.

4.3cm



3 cm

Is he correct? Explain your answer.

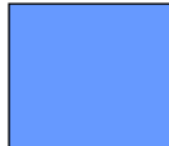


5b. Ciara says,



If I enlarge the shape by a scale factor of 4, the new perimeter would be 60cm.

3.2cm



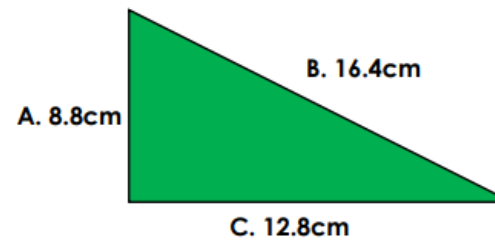
2.8cm

Is she correct? Explain your answer.



4

6a. This triangle was enlarged by a scale factor of four.



A. 8.8cm

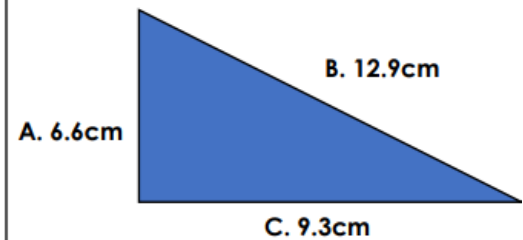
B. 16.4cm

C. 12.8cm

What were the measurements of the original triangle?



6b. This triangle was enlarged by a scale factor of three.



A. 6.6cm

B. 12.9cm

C. 9.3cm

What were the measurements of the original triangle?

