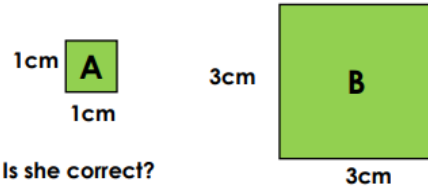


1

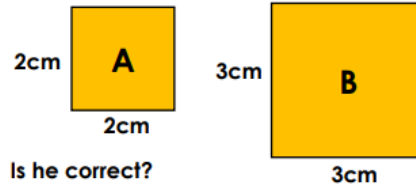
6a. Evelyn says she has enlarged her shape by a scale factor of 2.5. Shape B is her new shape.



Is she correct?



6b. Dominic says he has enlarged his shape by a scale factor of 1.5. Shape B is his new shape.

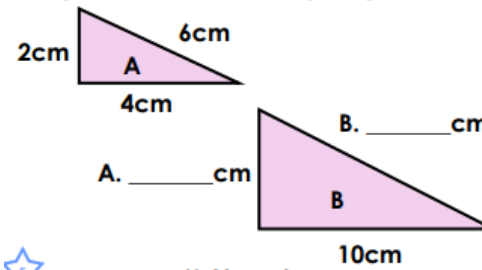


Is he correct?

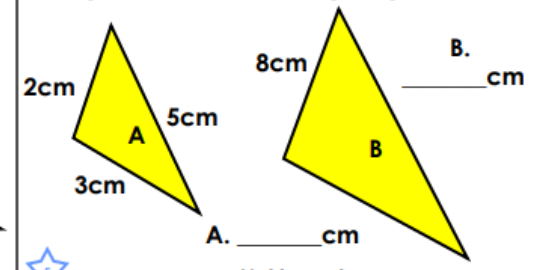


2

7a. Triangle B has been scaled from triangle A. Find the missing lengths.

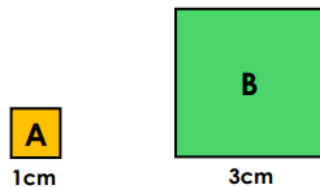


7b. Triangle B has been scaled from triangle A. Find the missing lengths.



3

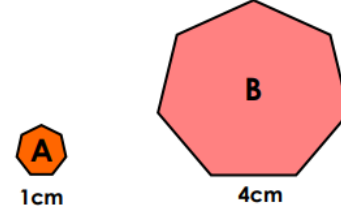
5a. Eleanor has enlarged shape A to create shape B. She says if she created shape C using the same scale factor, one side would have a length of 5cm.



Do you agree? Explain your answer.



5b. Bobby has enlarged shape A to create shape B. He says if he created shape C using the same scale factor, one side would have a length of 8cm.

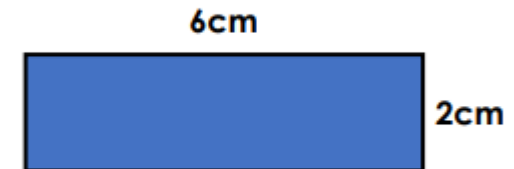


Do you agree? Explain your answer.



4

6a. When enlarged, the perimeter of the shape below increases to 24cm.



What scale factor has the shape been increased by? Explain your answer.

