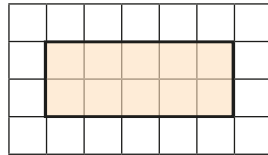
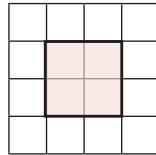


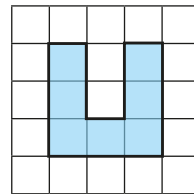
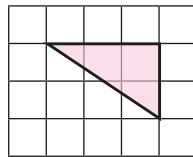
- 1 a)** Here is a rectangle.
Draw another rectangle where each side is twice as big.



- b)** Here is a square.
Draw another square where each side is 4 times as big.



- 2 a)** Explain what it means for a shape to be enlarged by a scale factor of 2
b) Enlarge the shapes by a scale factor of 2



- 3** Complete the sentence.
A shape in which each side has tripled in size has been enlarged by a scale factor of

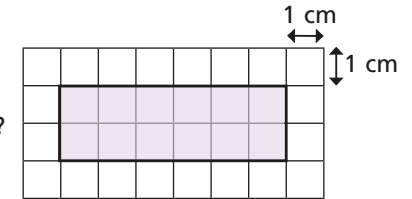
- 4** Here is a rectangle.



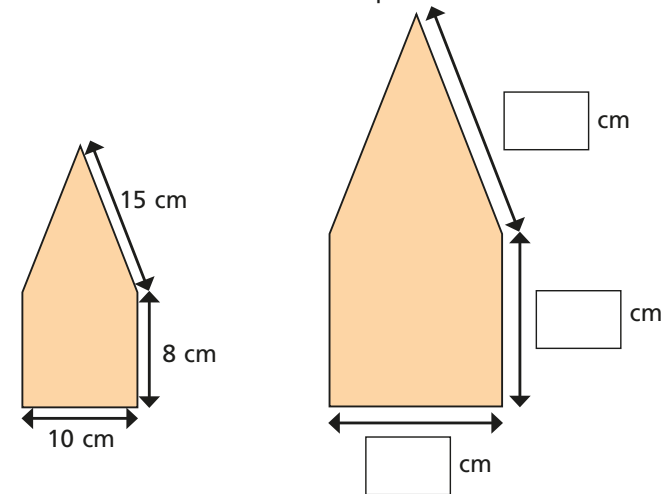
- a)** Measure the side lengths of the rectangle and label them on the diagram.
b) Enlarge the rectangle by a scale factor of 3 and label the side lengths.



- 5** The sides of the rectangle are increased by a scale factor of 2
What is the perimeter of the new shape?



- 6** The shape has been enlarged by a scale factor of $1\frac{1}{2}$
Fill in the dimensions of the new shape.



- 7** Triangle A has been enlarged by a scale factor of 5 to make triangle B.
Find the perimeter of each triangle.

