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.

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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 2
(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.
$\square$
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.


