Image: Discrete state is the stat



b) Here is a square.

	2	
0		
2		

Draw another square where each side is 4 times as big.

			8			
8						

a) Explain what it means for a shape to be enlarged by a scale factor of 2

AU	OL	the	side	legaths	are	multiplied	
	່			0		1	
by	X						

b) Enlarge the shapes by a scale factor of 2









2

2

Complete the sentence.

A shape in which each side has tripled in size has been enlarged by

a scale factor of 📿

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- a) Measure the side lengths of the rectangle and label them on the diagram. 15 cm Sel **b)** Enlarge the rectangle by a scale factor of 3 and label the side lengths. 8 cm 10 cm XIZ 7 triangle B. Shm 14 km 5 The sides of the rectangle are increased by a scale factor of 2 14+15+15=44 What is the perimeter of the new shape? 12 1 cm \leftrightarrow L. 1 cm 12 perimeter of A = 44 km 4+12+4+12=32 2 2 32 cm

Here is a rectangle.

4

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

6



Triangle A has been enlarged by a scale factor of 5 to make

Find the perimeter of each triangle.



