Question 1: Fill in the missing words

Perimeter	
Words	If figure *B* is similar to figure *A* by a scale factor, then the _____ of *B* is equal to the perimeter of *A* times the scale factor.
Area	
Words	If figure *B* is similar to figure *A* by a scale factor, then the _____ of *B* is equal to the area of *A* times the square of the scale factor.

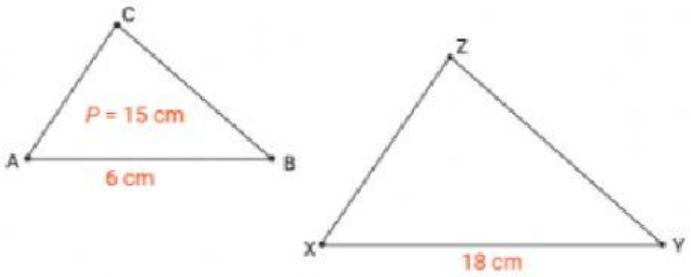
Question 2: Find the Perimeter of the Triangle XYZ

Scale Factor= $\frac{cm}{cm}$ =

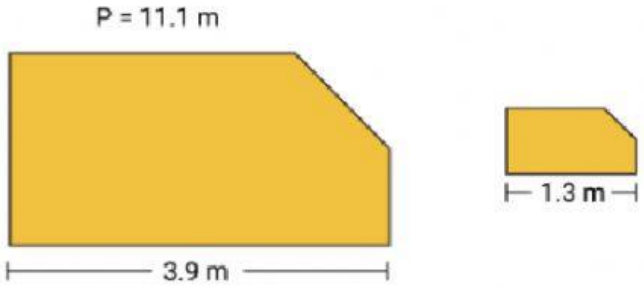
Perimeter of XYZ= Perimeter of ABC.scale factor

=_____. _____

=_____



Question 3: Find the Perimeter of the Triangle XYZ



Scale Factor= $\frac{cm}{3.9cm}$

Perimeter of figure B= Perimeter of figure A.scale factor

=_____ . $\frac{1}{3}$

=_____

LIVEWORKSHEETS