

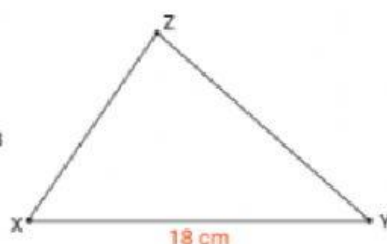
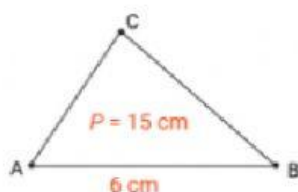
Question 1: Fill in the missing words

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

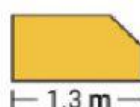
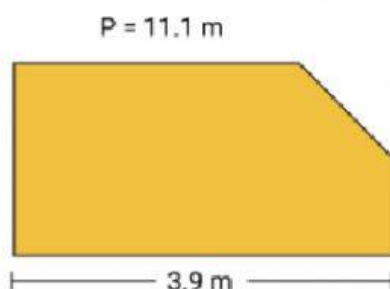
Question 2: Find the Perimeter of the Triangle XYZ

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

Perimeter of XYZ = Perimeter of ABC . scale factor
= _____ . _____
= _____



Question 3: Find the Perimeter of the Triangle XYZ



Scale Factor = $\frac{\text{cm}}{3.9\text{cm}}$	Perimeter of figure B = Perimeter of figure A . scale factor = _____ . $\frac{1}{3}$ = _____
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