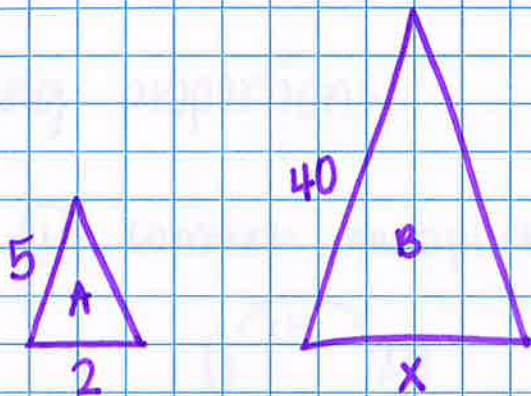


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## Similar Figures

can write and use a proportional relationship to find a missing side in similar figures.



Similar figures:

same shape,  
same angles,  
different sizes

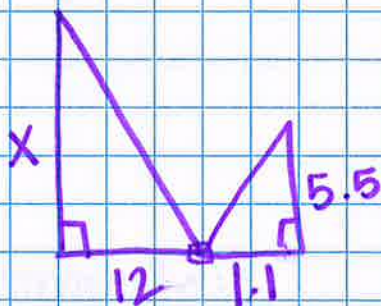
These are not congruent (equal).

\* multiplier / scale factor

$$\frac{5}{2} = \frac{40}{x}$$

\* Line up corresponding sides (matching)

⑧



$$\frac{5.5}{1.1} = \frac{x}{12}$$