

A **proportion** is an equation that states two **ratios** are equal.

$$\text{ratio} \left\{ \frac{a}{b} = \frac{x}{y} \right\} \text{ratio}$$

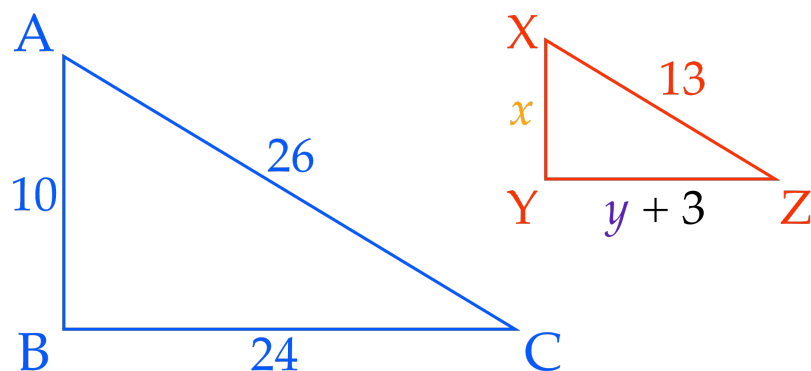
proportion

To solve a **proportion**, cross multiply and solve.

$$\frac{a}{b} = \frac{x}{y}$$
$$a \cdot y = b \cdot x$$

$$\triangle ABC \sim \triangle XYZ$$

find the values for x and y



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