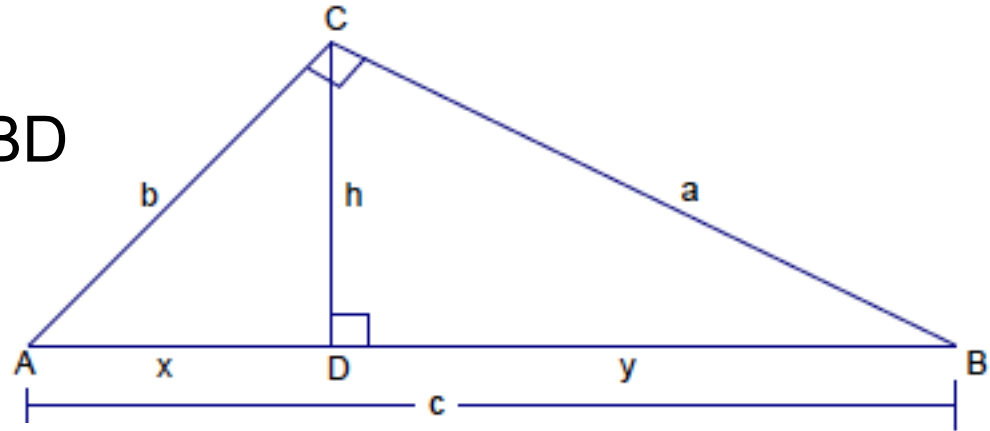


Refer to the figure to complete each proportion. You need to know that all three triangles are similar.

$$\triangle ABC \sim \triangle ACD \sim \triangle CBD$$

Make sure you explain why!



$$1) \frac{x}{h} = \frac{\quad}{y}$$

$$2) \frac{a}{b} = \frac{\quad}{h}$$

$$3) \frac{a}{b} = \frac{h}{\quad}$$

$$4) \frac{a}{c} = \frac{y}{\quad}$$

$$5) \frac{a}{c} = \frac{h}{\quad}$$

$$6) \frac{b}{x} = \frac{\quad}{b}$$