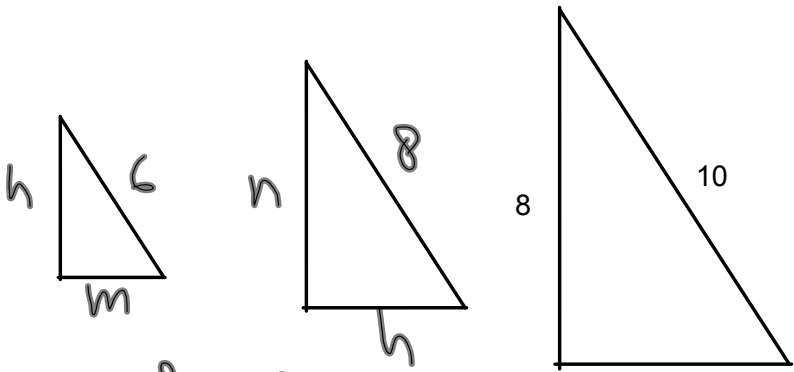
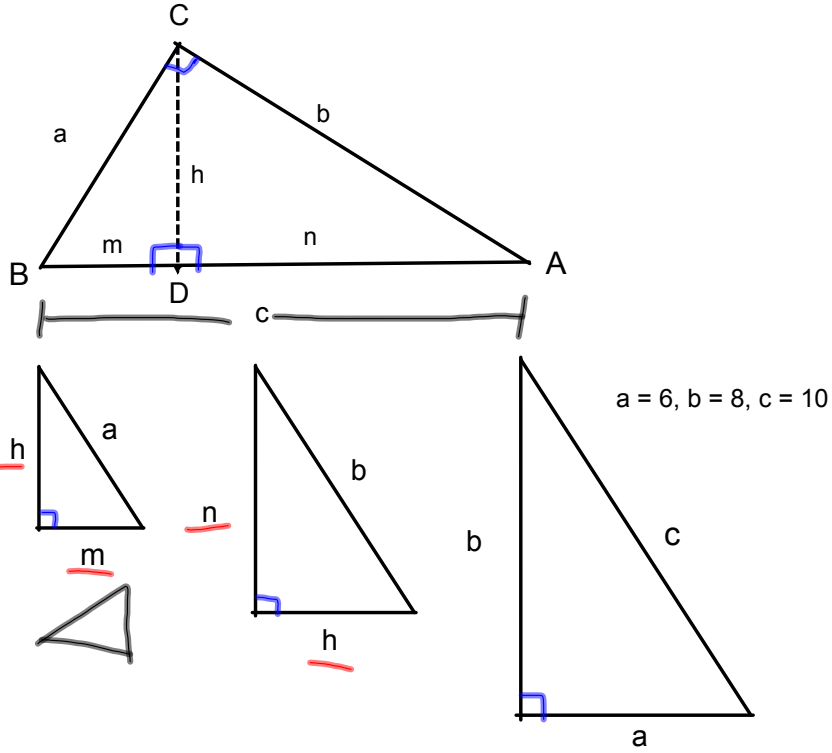


Metric Relations



$$h : \frac{8}{10} = \frac{n}{8}$$

$$\frac{64}{10} = \frac{10n}{10}$$

$$6.4 = n$$

$$m : \frac{6}{10} = \frac{m}{6}$$

$$36 = 10m$$

$$3.6 = m$$

$$h : \frac{10}{8} = \frac{6}{h}$$

$$10h = 48$$

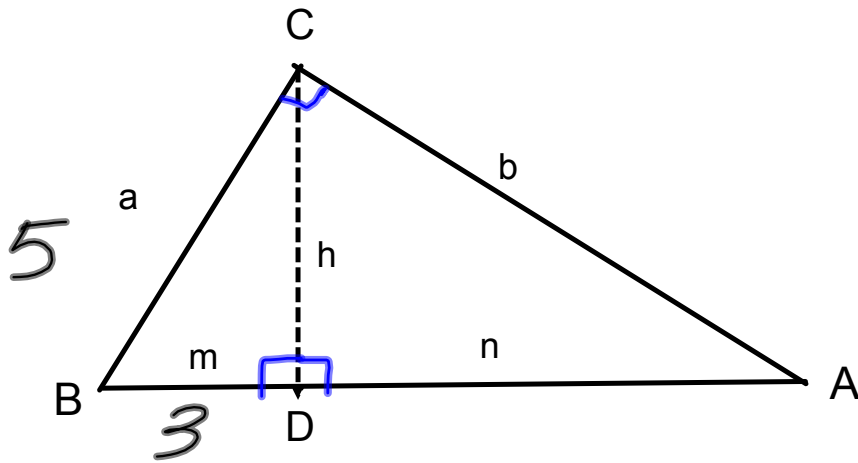
$$h = 4.8$$

$$\frac{h}{n} = \frac{m}{h}$$

$$h^2 = mn = 6.4(3.6)$$

$$h = 4.8$$

Summary



$$a^2 = mc$$

$$b^2 = nc$$

$$h^2 = mn$$

$$ch = ab$$

$$\frac{a}{c} = \frac{m}{a}$$

