

Do-now: Take out HW and check answers. (page 394)

$$15) \frac{x}{6} = \frac{6}{4}$$

$$x = 9$$

$$16) \frac{x}{10} = \frac{40}{x}$$

$$x = 20$$

$$17) \frac{x}{4} = \frac{25}{x}$$

$$x = 10$$

$$18) \frac{x}{9} = \frac{12}{x}$$

$$x = 6\sqrt{3}$$

$$19) \frac{x}{16} = \frac{9}{x}$$

$$x = 12$$

$$20) \frac{x}{144} = \frac{25}{x}$$

$$x = 60$$

$$49) \frac{x+3}{x} = \frac{12}{x+3}$$

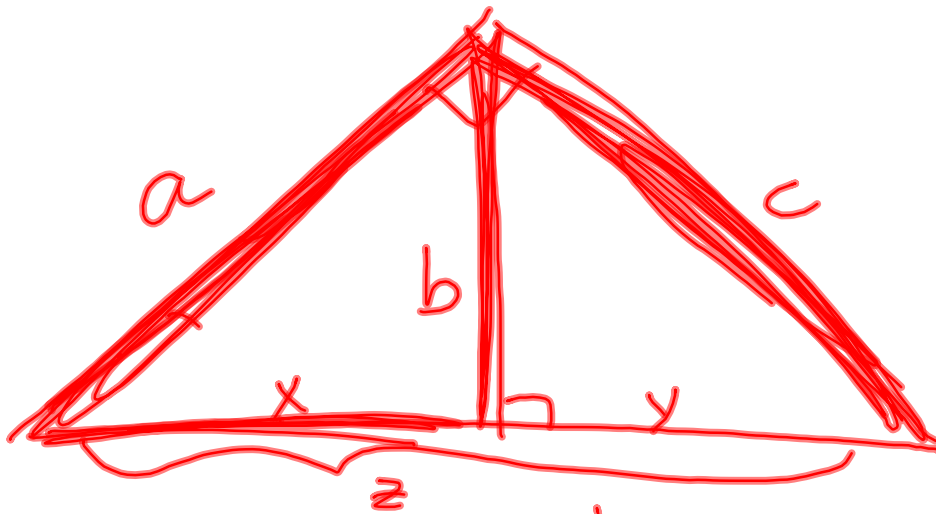
$$x = 3$$

$$50) \frac{x+2}{x} = \frac{x+5}{x+2}$$

$$x = 4$$

$$51) \frac{2x+1}{8} = \frac{x+8}{2x+1}$$

$$x = 4.5$$



$$\frac{x}{a} = \frac{a}{z}$$

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

$$\frac{y}{c} = \frac{c}{z}$$