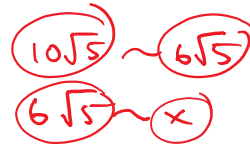
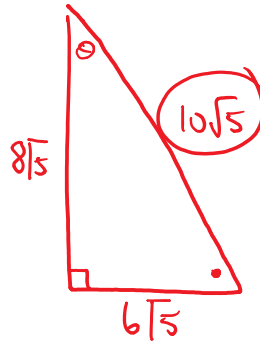
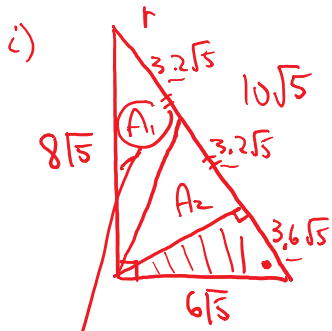


SECT 5.4.

March 10, 2016 10:21 AM



$$\frac{x}{6\sqrt{5}} = \frac{6\sqrt{5}}{10\sqrt{5}}$$

$$x = \frac{6\sqrt{5} \cdot 6\sqrt{5}}{10\sqrt{5}}$$

$$x = \frac{36\sqrt{5}}{10}$$

$$x = 3.6\sqrt{5}$$

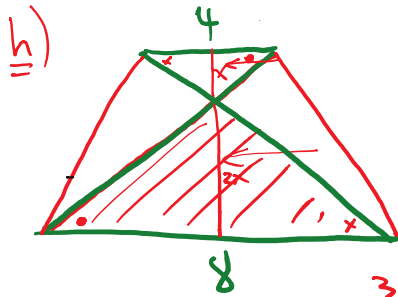
$$8\left(\frac{24}{5}\right)$$

$$32 \mid 32 \mid 36$$

$$8x + 8x + 9x = 120$$

$$25x = 120$$

$$x = \frac{120}{25} = \frac{24}{5}$$



$$x + y = 40 \quad A + B = 80$$

$$\frac{4h}{2} + \frac{8h}{2} = 120$$

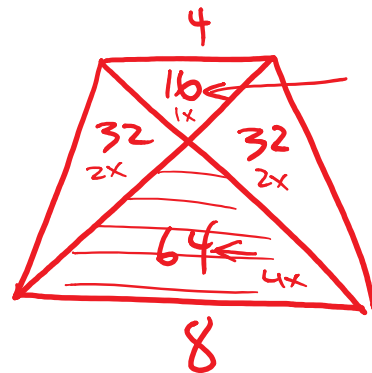
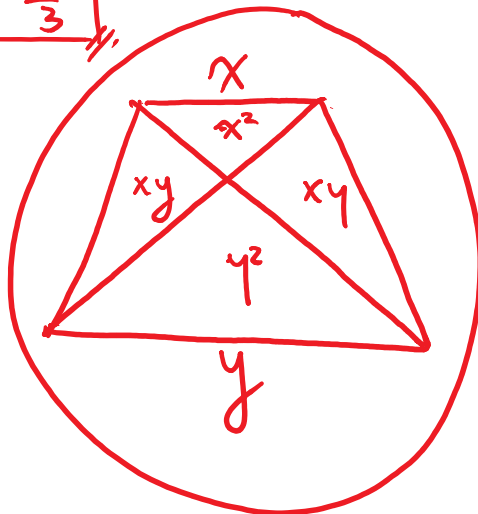
$$h = 20$$

$$3x = 20$$

$$x = \frac{20}{3}$$

$$A = 8 \times \frac{20}{3} \times \left(\frac{1}{2}\right)$$

$$A = \frac{160}{3}$$



$$16 : 32 : 32 : 64$$

$$1 : 2 : 2 : 4$$

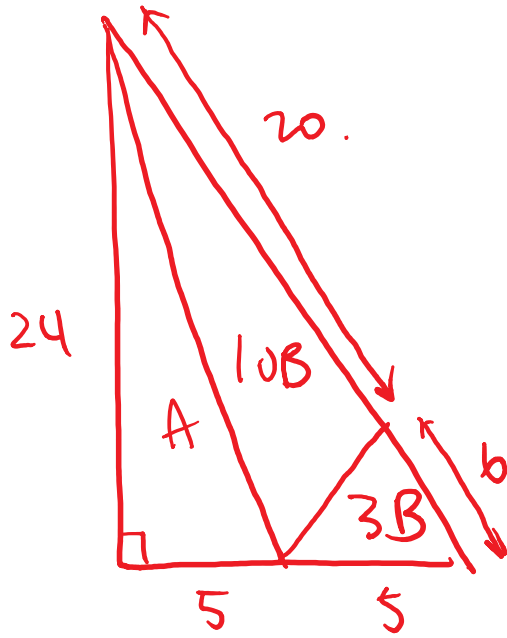
$$1x + 2x + 2x + 4x = 120$$

$$9x = 120$$

$$x = \frac{120}{9}$$

#18) A ↗

#18)



$$9x = 120$$
$$x = \frac{40}{3}$$

$$10B + 3B = 60$$

$$13B = 60$$

$$B = \frac{60}{13}$$

$$10B = \frac{60}{13} \times 10$$

$$10B = \frac{600}{13}$$