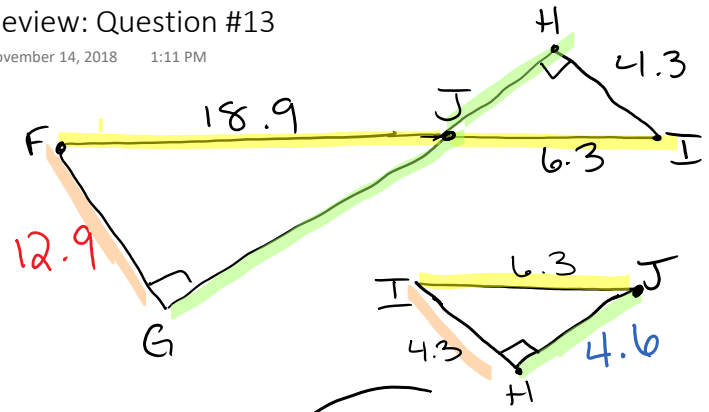
Review: Question #13

November 14, 2018 1:11 PM

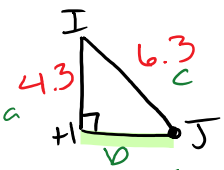


* FJ ~ JI
GJ ~ HJ
* FG ~ HI

$\frac{FJ}{GJ} \sim \frac{JI}{HJ}$

$\frac{18.9}{?} \sim \frac{6.3}{4.6}$ (÷, ×)

GJ = 13.8



fill in numbers

$\frac{FJ}{FG} \sim \frac{JI}{HI}$

$\frac{18.9}{?} \sim \frac{6.3}{4.3}$ (÷, ×)

FG = 12.9

$a^2 + b^2 = c^2$

$\sqrt{b^2} = \sqrt{c^2 - a^2}$

$b = \sqrt{(c^2 - a^2)}$

$b = \sqrt{(6.3^2) - (4.3^2)}$

$b = \sqrt{(39.69 - 18.49)}$

$b = \sqrt{21.2} = 4.6$