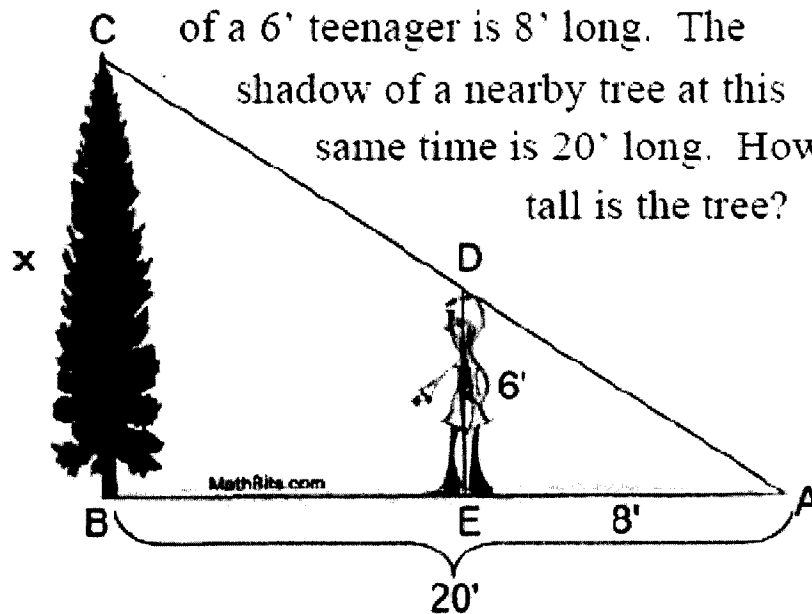
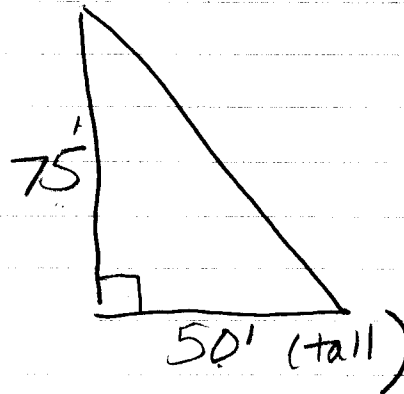
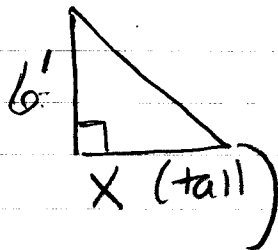
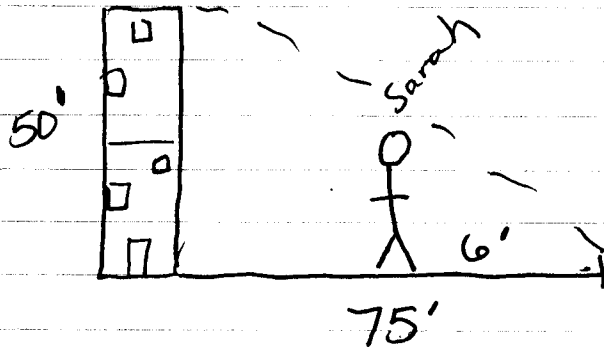


13. At a certain time of day, the shadow of a 6' teenager is 8' long. The shadow of a nearby tree at this same time is 20' long. How tall is the tree?



① foot (ft.) = 30' means 30 ft.



$$\frac{6}{x} = \frac{75}{50}$$

$$\begin{aligned} 75x &= 6(50) \\ 75x &= 300 \\ \frac{75}{75} & \quad \frac{75}{75} \\ x &= 4 \end{aligned}$$

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