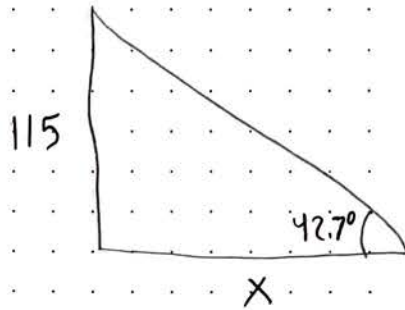


$$130 - 15 = 115$$



$$\tan(42.7) = \frac{115}{x}$$

$$\frac{\tan(42.7) \cdot x}{\tan(42.7)} = \frac{115}{\tan(42.7)}$$

$$x = 124.62 \text{ ft}$$