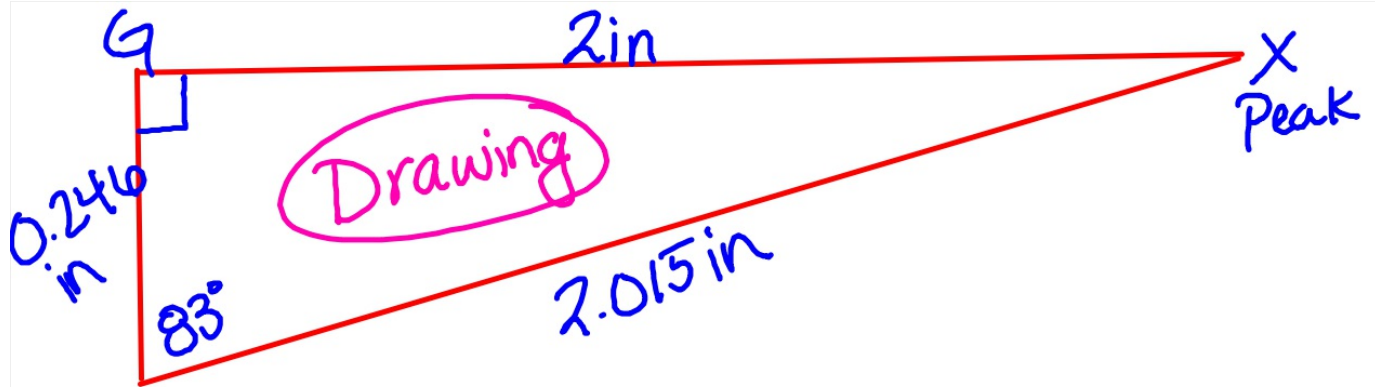
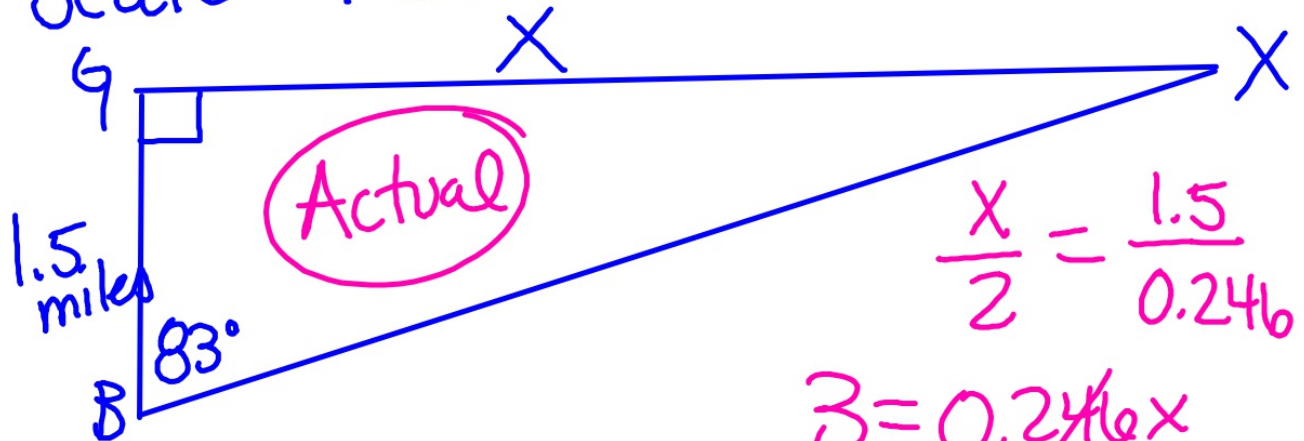




Scale : 1.5 miles = 0.246 in



$$\frac{X}{2} = \frac{1.5}{0.246}$$

$$\frac{3}{0.246} = \frac{0.246 \times X}{0.246}$$

$$12.1951 = X$$

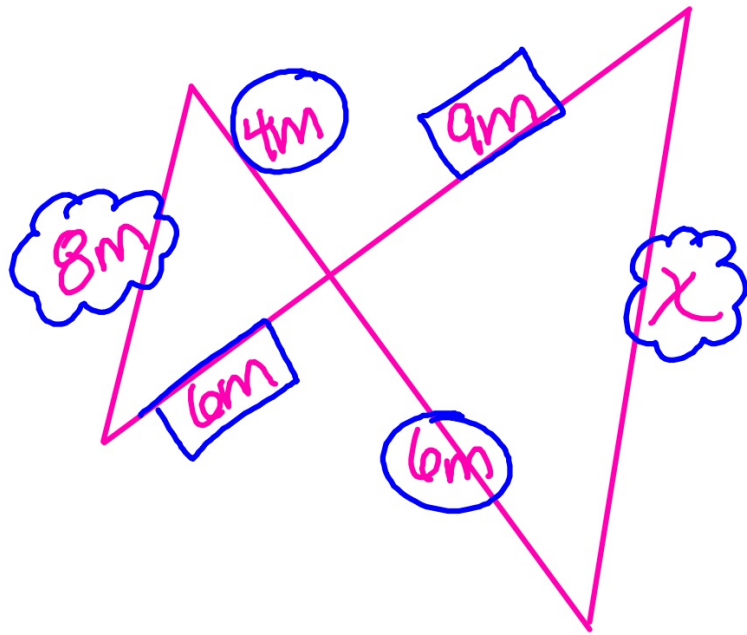
The actual distance is 12.2 miles.

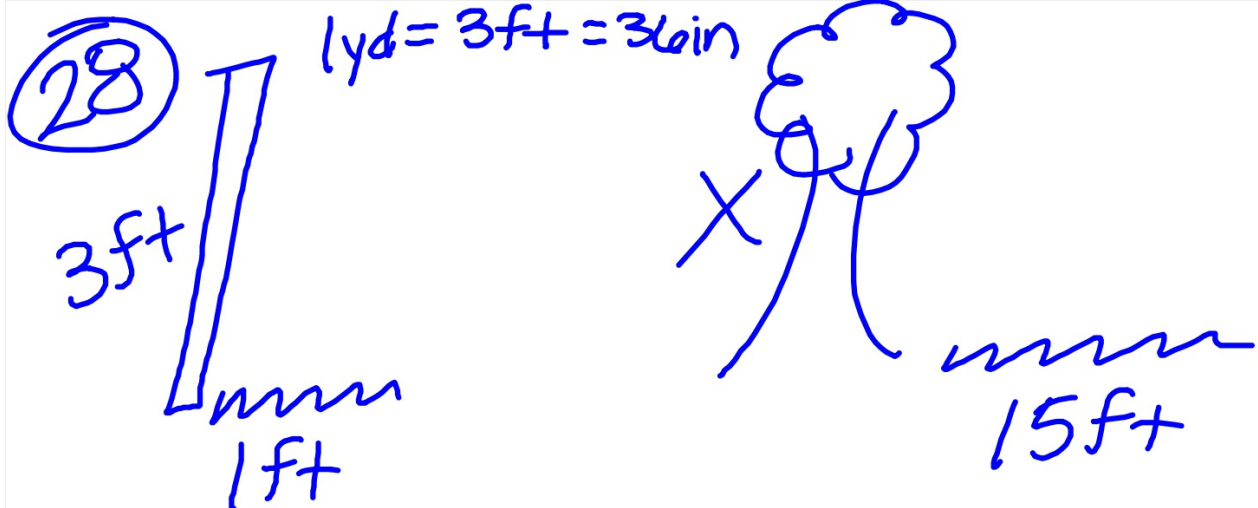
16

$$\frac{x}{8} = \frac{9}{6}$$

$$x = \frac{72}{6}$$

$$x = 12$$





$$\frac{X}{3} = \frac{15}{1}$$

$X = 45$
The tree is 45 feet tall.