

$$\Rightarrow x = \frac{157m \cdot \sin 61^\circ}{\sin 75^\circ} \approx 142,159m$$

$$\sin 44^\circ = \frac{h}{x} \quad | \cdot x \quad \Rightarrow h = 142,159m \cdot \sin 44^\circ \approx 98,752m \approx \underline{\underline{99m}}$$