



$$\tan \theta = \frac{o}{a}$$

$$\tan 46^\circ = \frac{3.5}{x}$$

$$1.0355 \approx \frac{3.5}{x}$$

$$1.0355x = 3.5$$

$$x = 3.4\text{m}$$

$$5 - 3.4 =$$

$$\underline{\underline{1.6\text{m}}}$$

$$\tan \theta = \frac{o}{a}$$

$$\tan 35^\circ = \frac{3.5}{x}$$

$$0.7002 \approx \frac{3.5}{x}$$

$$0.7002x = 3.5$$

$$x = 5\text{m}$$

3. Find  $x$

