## Definition of Trig Ratios



Find $\quad \tan 40^{\circ}=.84$

$$
\begin{aligned}
& \tan 55^{\circ}=1.43 \\
& \tan 70^{\circ}=2.75 \\
& \tan 30^{\circ}=.58 \\
& \tan 25^{\circ}=.47
\end{aligned}
$$

Find missing side

$13 \times(\operatorname{THN} 32)=$ 8.12 m


TANO

$10 \times(\operatorname{TAN25})=$


$$
\begin{aligned}
& \text { TAN }=\frac{0}{A} \\
& \operatorname{TAN} 32=\frac{25}{x} \\
& x=\frac{25}{\operatorname{TAN} 32} \\
& x=40
\end{aligned}
$$

