

Example \#3:
Two right triangles have side AB in common.
Determine the length of $A D$ and $A C$


$$
\begin{gathered}
\sin 27^{\circ}=\frac{69.9}{y} \\
y=\frac{69.9}{\sin 27} \\
y=154.0 \mathrm{~m}
\end{gathered}
$$

## Pg. 484

$$
\begin{aligned}
& 1,2 \text { odds } \\
& 4,5,9,10
\end{aligned}
$$

