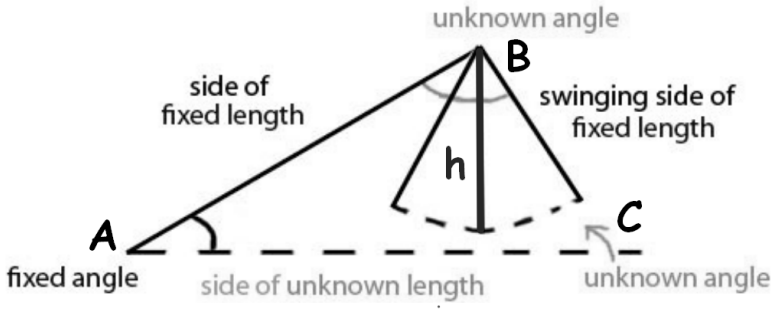
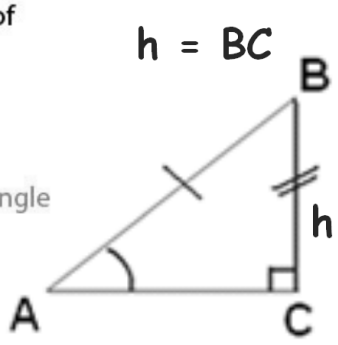
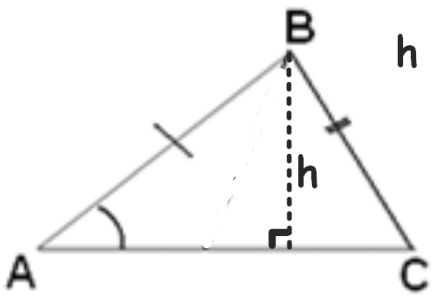
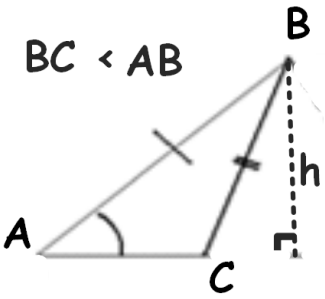






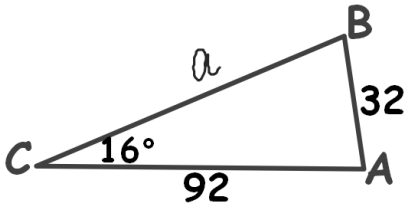
h < BC < AB



SSA triangles

$\angle C = 16^\circ, b = 92, c = 32$
Solve ΔABC.

May 21



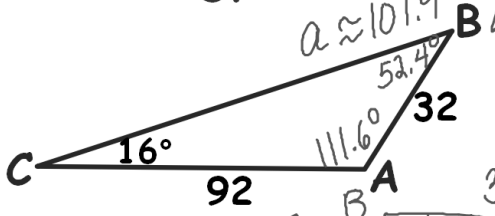
$\frac{\sin 16^\circ}{32} = \frac{\sin B}{92}$

$\frac{92 \sin 16^\circ}{32} = \sin B$, $\angle B \approx 52.4^\circ$

$\angle A \approx 111.6^\circ$

$\frac{\sin 16^\circ}{32} = \frac{\sin 111.6^\circ}{a}$ $a \approx 107.9$

Or



Q2 $180^\circ - 52.4^\circ \approx 127.6^\circ$ Q2 $\angle B$

$\angle A \approx 36.4^\circ$

$\frac{\sin 16^\circ}{32} = \frac{\sin 36.4^\circ}{a}$ $a \approx 68.9$

Or ??