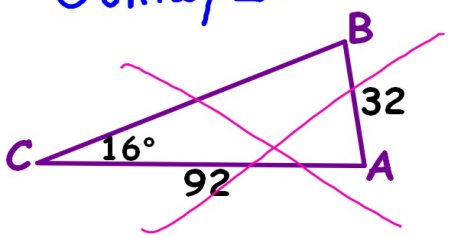
SSA triangles

Donkey Δs

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

Solve ΔABC.



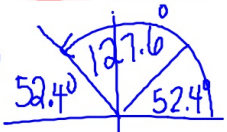
$\frac{\sin 16^\circ}{32} = \frac{\sin B}{92}$

$\angle B \approx 52.4^\circ$

$\angle A \approx 111.6^\circ$

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

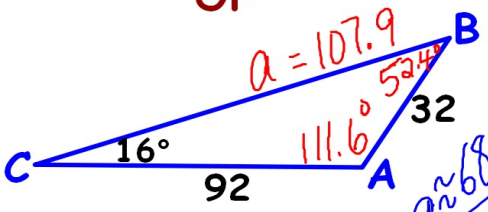
$107.9 \approx a$



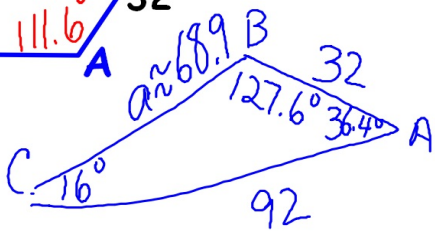
Or $\angle B \approx 127.6^\circ$

$\angle A \approx 36.4^\circ$

Or



Or ??



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