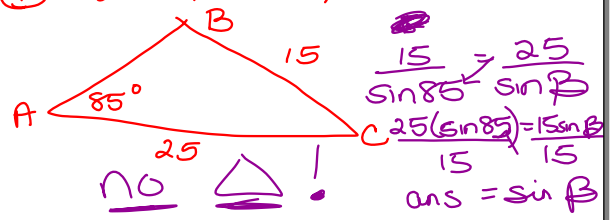
Ambiguous Cases:
A-S-S
0 - 1 - 2 Δ's 6

① a = 15, b = 25, A = 85°



$\frac{15}{\sin 85} = \frac{25}{\sin B}$

$\frac{25(\sin 85)}{15} = \frac{15 \sin B}{15}$

ans = sin B

NO Δ!

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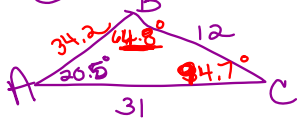
② a = 12, b = 31, A = 20.5°

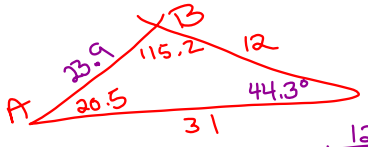


$\frac{12}{\sin 20.5^\circ} = \frac{31}{\sin B}$

$\frac{12}{\sin 20.5^\circ} = \frac{C}{\sin 94.7}$

★Δ2? 180° − first ∠ found

180° − 64.8° = 115.2° new ∠B



$\frac{12}{\sin 20.5} = \frac{}{\sin 44.3}$

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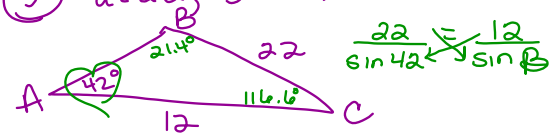
③ a = 22, b = 12, A = 42°



$\frac{22}{\sin 42} = \frac{12}{\sin B}$

Δ2? 180° − 21.4° = new ∠B
= 158.6°

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