

SWBAT derive the formula for law of sines

SWBAT use the law of sines to find the angles and side lengths of any triangle.

Agenda:

- Warm - Up

- Find/derive law of sines

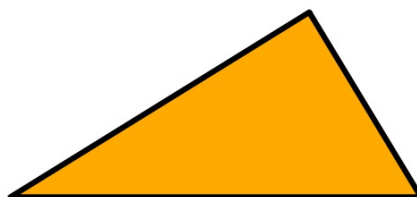
- Example problems/worksheet

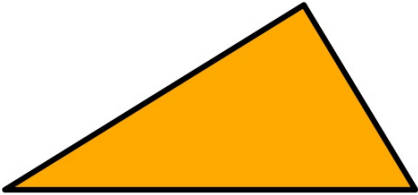
- Pass back unit test

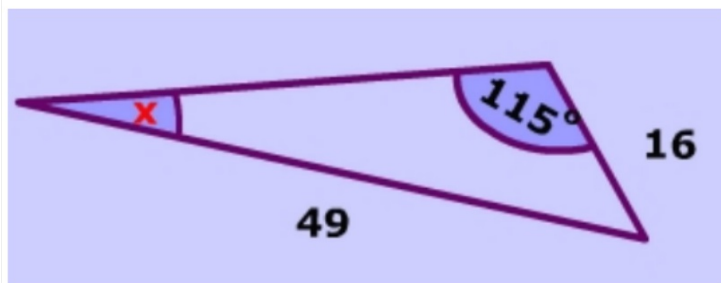
- Exit Card

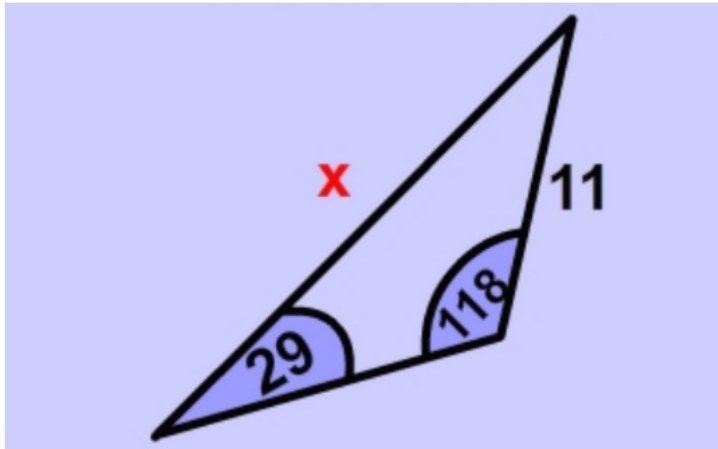
HW - Law of Sines worksheet

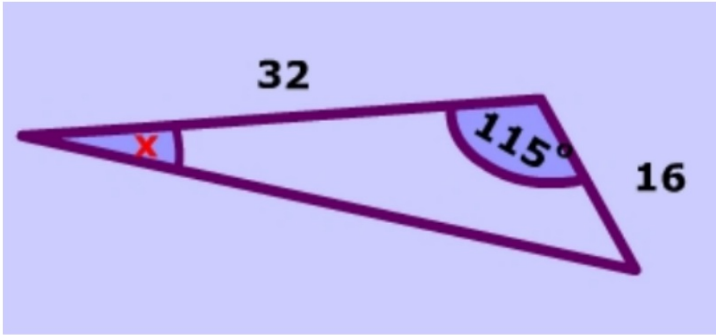
Law of Sines



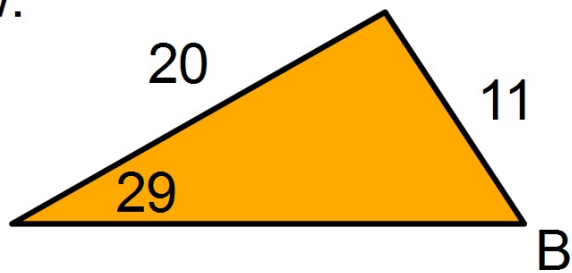




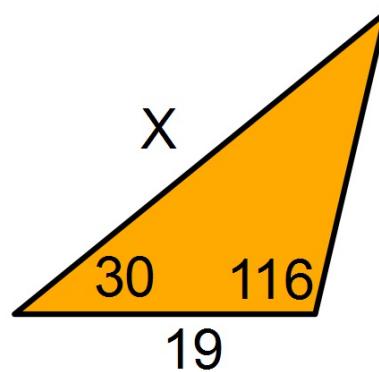




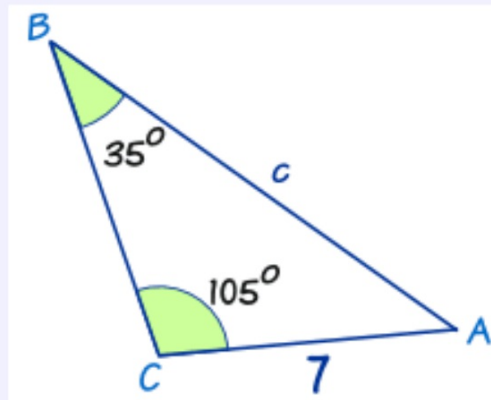
Use the formula for law of sines to determine the measure of angle b below.



Use the formula for law of sines to determine the measure of angle b below.



Example: Calculate side "c"



$$m\angle C = 145^\circ, b = 7, c = 33$$

Exit Card:

Find BC

