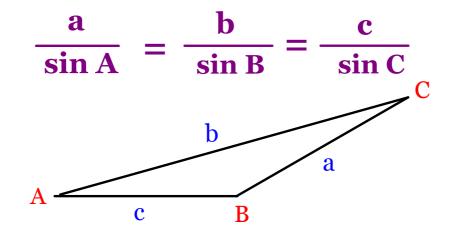
Unit 4

Learning Target 2

I can use the Law of Sines to solve a triangle.

What is an oblique triangle?

Law of Sines

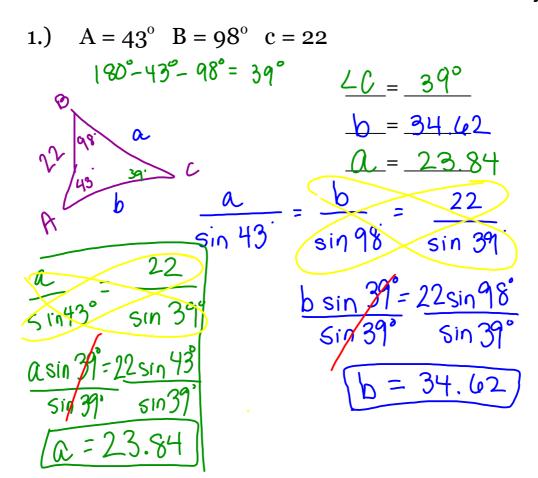


When to use LAW OF SINES...

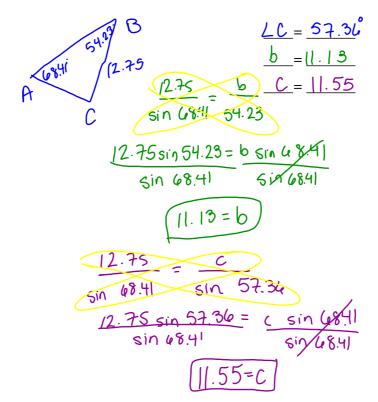
AAS - Two angles and a side

ASA - Two angles and the included side

*SSA - Two sides and an angle



$$A = 68.41^{\circ}$$
 $a = 12.75$ $B = 54.23^{\circ}$

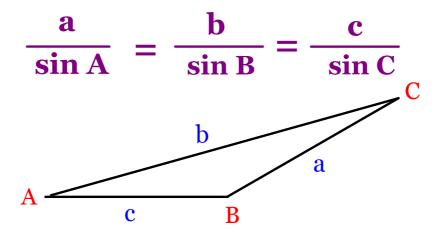


Unit 4

Learning Target 2

I can use the Law of Sines to solve a triangle.

Law of Sines



When to use LAW OF SINES...

AAS - Two angles and a side

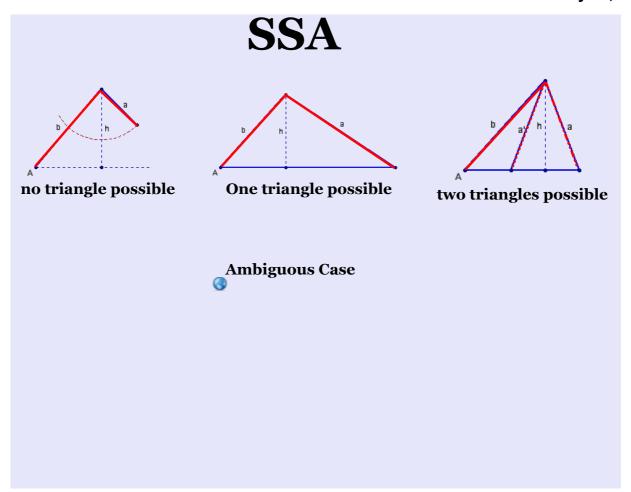
ASA - Two angles and the included side

*SSA - Two sides and an angle

When given SSA there could be . . .

no triangle one triangle two triangles





How To Check For More Than One Triangle

- * Solve for the first angle
- * Take that angle and subtract it from 180°
- * Ask yourself, "Can this angle exist with the angle that was given in the original problem?"
 (Is their sum more than 180°?)
- * If the sum is less than 180°, there are two triangles!