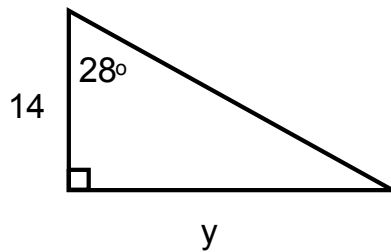


Find the missing value in the triangle below:



Checklist

- Is the triangle a RIGHT triangle?
- What trig ratio ties the information together (sin, cos, tan)
- Am I looking for an angle or a ratio (side)?

May 28-11:40 AM

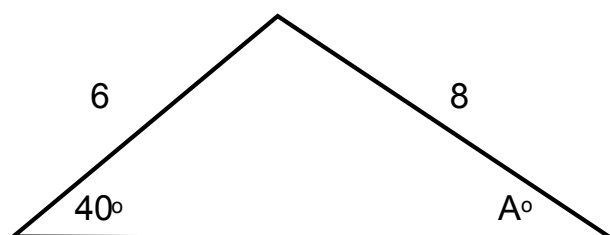
Trigonometry - Sine Law

Learning Goal:

By the of today, I will be able to solve for the missing sides and angles in triangles that do not have a right angle (no primary trigonometric ratios).

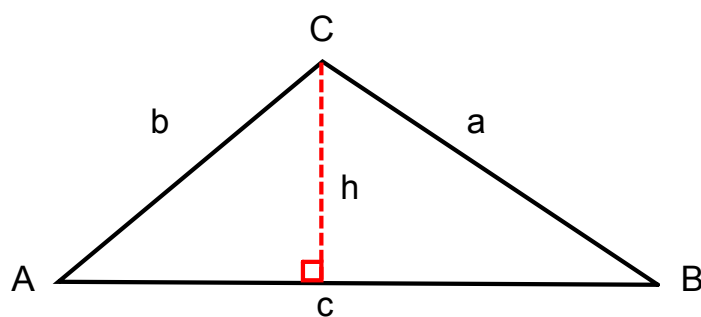
May 28-11:40 AM

Find the missing value in the triangle below:



May 28-11:40 AM

Partial Sine Law Proof



May 28-11:40 AM

Sine Law

- used when there are NO, 90 degree angles
- used when we have an "opposite side - angle" pair or a completed ratio

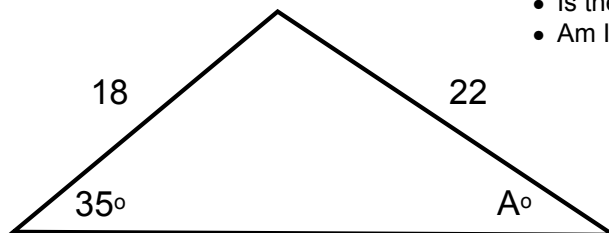
$$\frac{\sin A}{a} = \frac{\sin B}{b} = \frac{\sin C}{c}$$

or

$$\frac{a}{\sin A} = \frac{b}{\sin B} = \frac{c}{\sin C}$$

Nov 10-3:35 PM

Find the missing value in the triangle below:

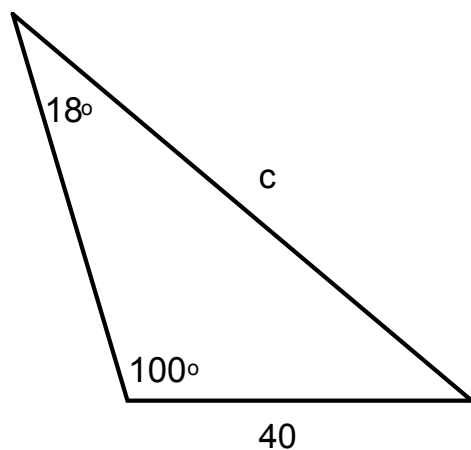


Checklist

- Is the triangle a RIGHT triangle?
- Is there an opposite side angle pair?
- Am I looking for an angle or a ratio (side)?

May 28-11:40 AM

Find the missing value in the triangle below:

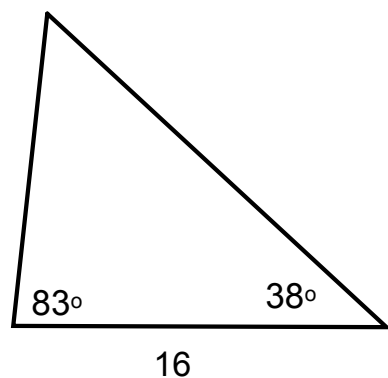


Checklist

- Is the triangle a RIGHT triangle?
- Is there an opposite side angle pair?
- Am I looking for an angle or a ratio (side)?

May 28-11:40 AM

Find ALL of the missing values in the triangle below:



Checklist

- Is the triangle a RIGHT triangle?
- Is there an opposite side angle pair?
- Am I looking for an angle or a ratio (side)?

May 28-11:40 AM

Consolidation Questions:

Grade 11 U/C page 288-9 #2(a,b), 3, 8, 9(a,b), 10

Nov 10-3:38 PM