

value:100 period: $u_3 - u_1 = \text{period}$

unique solutions u_1 and u_2

$u_1 + \text{period} * n$

$u_2 + \text{period} * n$

Rubric for Poster

1. Introduce self, why interested

2. Data

3. Two Evaluates

4. Two Solves

5. Two graphs on one axis

6. Technical Score

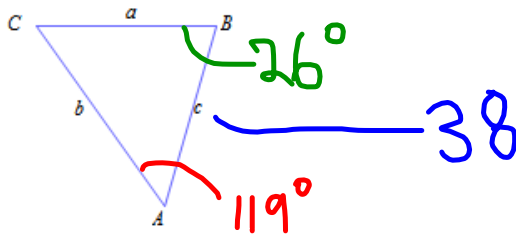
readable? artistic? technology?

7. interesting, relevant, informative

Day 21 - Question #1;
Solving a triangle with the law of sines: Problem type 1

Consider a triangle ABC like the one below. Suppose that $A = 119^\circ$, $B = 26^\circ$, and $c = 38$. (The figure is not drawn to scale.) Solve the triangle.

Round your answers to the nearest tenth.
If there is more than one solution, use the "or" button.



ASA=
angle side angle

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

C=
 $180 - 119 - 26 = 35$

$$\frac{b}{\sin 26} = \frac{38}{\sin 35}$$

b=

$$38 \sin(26) / \sin(35) = 29.04\dots$$

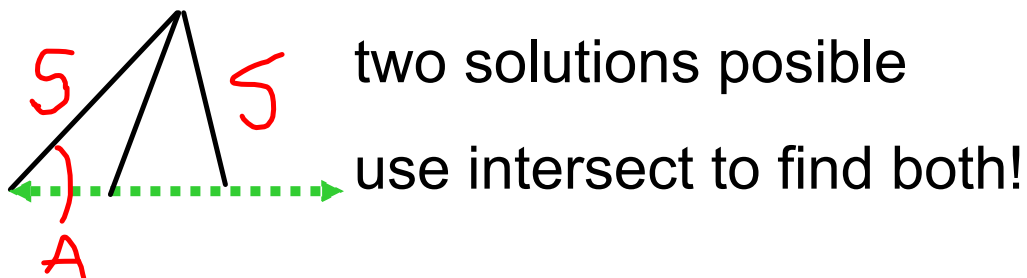
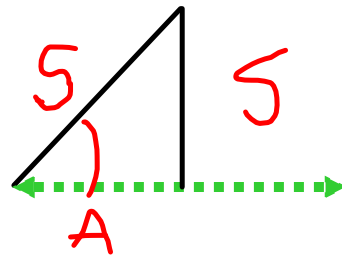
AAA is no good....

ASA did

ASS be careful...



one exact solution



Law of Cosine

SSS or SAS or ASS

$$A^2 = B^2 + C^2 - 2BC\cos(a)$$

