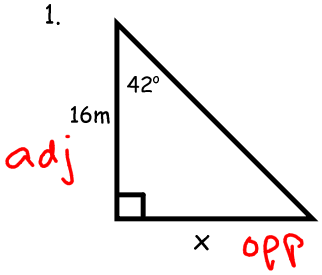
Quiz

Solve for the indicated side or angle:

1.



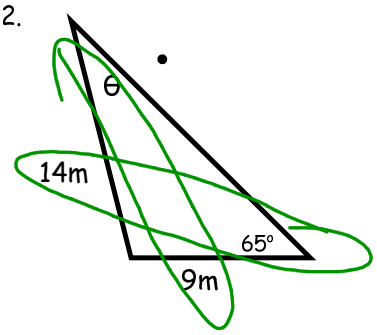
$\tan\theta = \frac{opp}{adj}$

$\tan 42° = \frac{x}{16}$

$16(\tan 42°) = x$

$14.4 \doteq x$

2.



$\frac{\sin\theta}{9} = \frac{\sin 65}{14}$

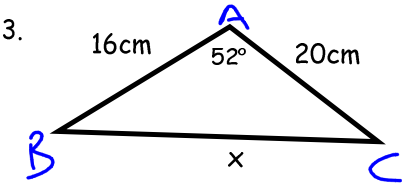
$\sin\theta = 9 \times \frac{\sin 65}{14}$

$\sin\theta \doteq 0.5826$

$\theta = \sin^{-1}(0.5826)$

$\doteq 35.6°$

3.



$a^2 = b^2 + c^2 - 2bc\cos A$

$x^2 = 20^2 + 16^2 - 2(20)(16)\cos 52°$

$x^2 = 656 - 394$

$x^2 = 262$

$x = \sqrt{262}$

$x \doteq 16$

Review for Test:

1. Make a Reference Sheet- include all formula and some examples

2. Do-page 52-53 #1b,2,4,5,7,9,13-17

3. Challenge p. 51 #13,14

Feb 10-8:21 AM