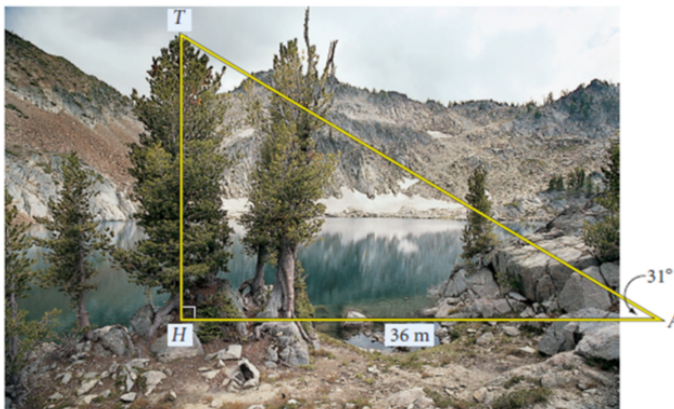


## Warm Up: Pre-Calc

1/7 Day 2

At a distance of 36 meters from a tree, the angle from the top of the tree is 31 degrees. Find the height of the tree.



Feb 27-7:39 AM

## Solutions to P.W.:

## Answers to

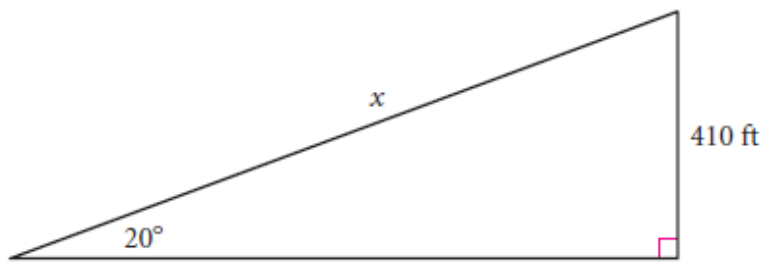
- |                    |                   |                   |                    |
|--------------------|-------------------|-------------------|--------------------|
| 1) $75^\circ$      | 2) $73^\circ$     | 3) $14^\circ$     | 4) $59^\circ$      |
| 5) $60^\circ$      | 6) $14^\circ$     | 7) $25^\circ$     | 8) $45^\circ$      |
| 9) $18^\circ$      | 10) $65^\circ$    | 11) $87^\circ$    | 12) $61^\circ$     |
| 13) $63^\circ$     | 14) $75^\circ$    | 15) $75^\circ$    | 16) $11^\circ$     |
| 17) 8.9            | 18) 23.6          | 19) 20.8          | 20) 18.5           |
| 21) 41.8           | 22) 44.5          | 23) 25.0          | 24) 8.2            |
| 25) $\frac{9}{41}$ | 26) $\frac{3}{5}$ | 27) $\frac{3}{4}$ | 28) $\frac{5}{13}$ |

Mar 7-1:33 PM

## Warm Up: Pre-Calc

## Day 2

Find the length of the hypotenuse of a right triangle if an acute angle measures  $20^\circ$  and the leg opposite the angle measures 410 feet.

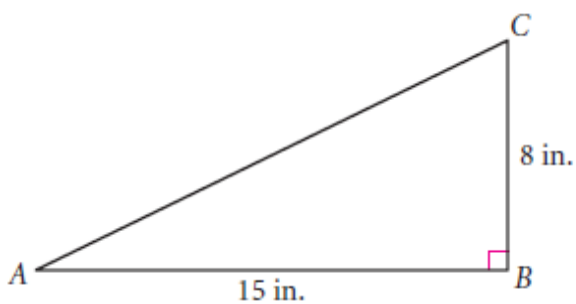


Feb 27-7:39 AM

## Warm Up: Pre-Calc

## Day 2

A right triangle has legs of length 8 inches and 15 inches. Find the measure of the angle opposite the 8-inch leg.



Feb 27-7:39 AM

**W.A.L.T.:****Day 2**

Use to use the trigonometric functions to solve problems.

**W.A.S.I.:**

We can use math to math the math.

Mar 7-9:45 AM

**In Class Work:**

Assignment #2:  
Worksheet: Trigonometric Applications

Mar 7-1:33 PM

Today's Activities:

- Went over solutions, application problems

P.W. for tonight:

- Assignment #2 - Trigonometric Applications

Feb 27-7:23 AM