Warm Up: Pre-Calc 1/6 Day 1

On a piece of paper that you are going to turn into by the beginning of the class period tomorrow.

1) What does it mean to be a student?
2) Did you "student" well last semester?
3) What changes to your life do you need to make?
4) Why are you here?

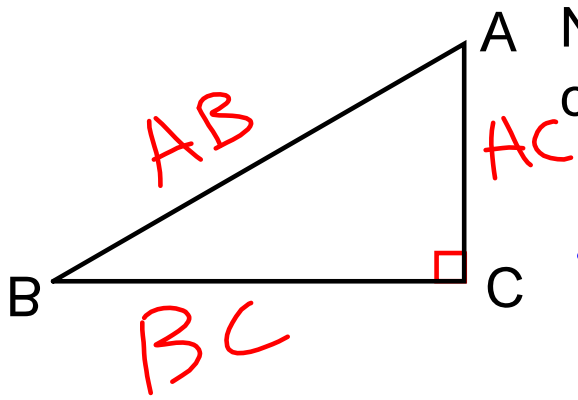
Feb 27-7:39 AM

Grade Policy Change 1/6 Day 1

E1:	E2:	E3 & E4:	E5:
Notebook	P.W.	Quizzes	Final
Quiz	Assignments	Test	
		40%	20%

Feb 27-7:39 AM

Warm Up: Pre-Calc 1/6 Day 1



Name everything you can about this shape.

△ABC

Feb 27-7:39 AM

W.A.L.T.: Day 1

Understand the definition of sine, cosine, and tangent ratios.

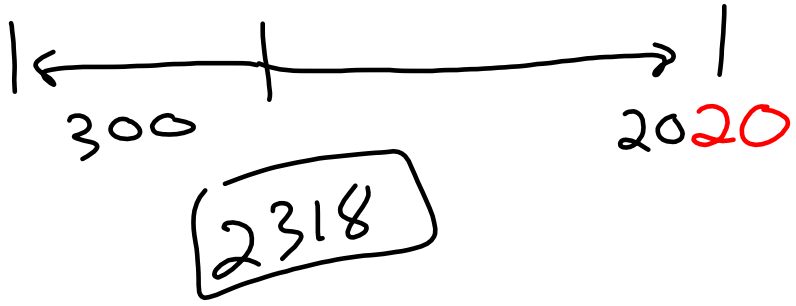
W.A.S.I:

We can use the parts of a right triangle to write the trigonometric ratios and solve problems using those ratios.

Mar 7-9:45 AM

Notes!!! Trigonometry

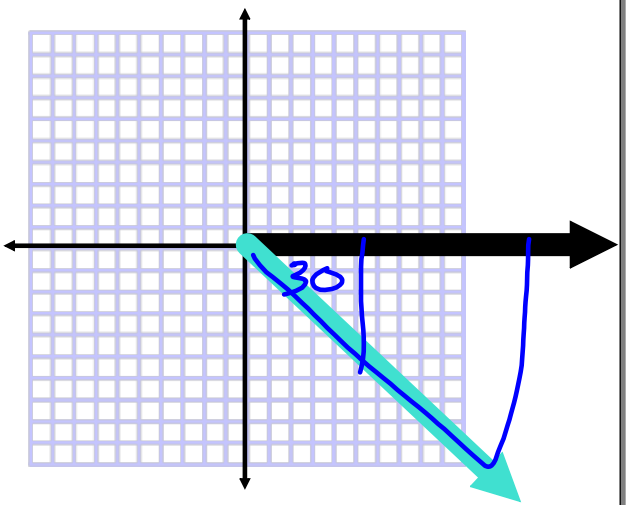
Trigonometry refers to trigonon metric, which in Greek translates to triangle measure. The study of trigonometry began in the 3rd Century B.C.



Mar 7-1:33 PM

Notes!!! Trigonometry

Essentially trigonometry is a way of measuring the distance between the initial side and the terminal side.

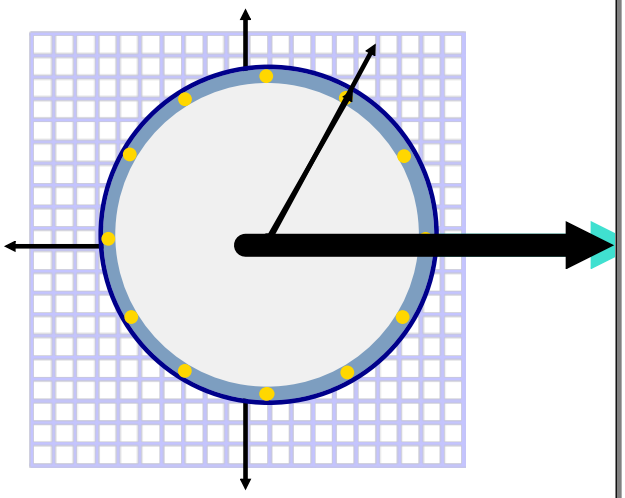


Mar 7-1:33 PM

Notes!!! Trigonometry

Positive angles are measure going counter clockwise.

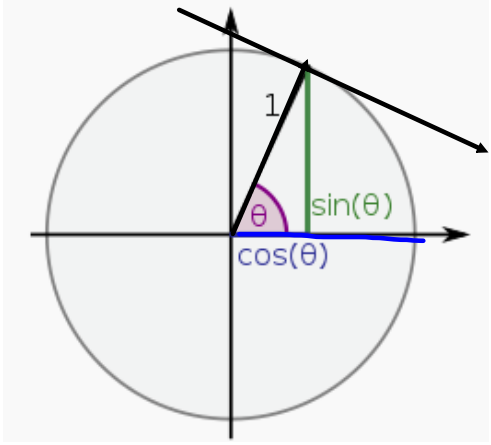
Negative angles go clockwise.



Mar 7-1:33 PM

Notes!!! Trigonometry

To begin with we will work on right triangles in the unit circle.



Mar 7-1:33 PM

Notes!!! Threen basic trig ratios

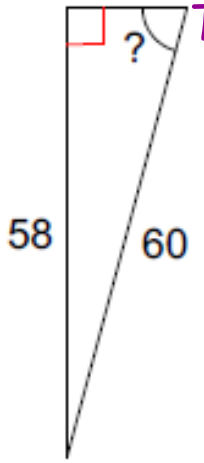
$$\text{Sine} = \frac{\text{Opposite Leg}}{\text{Hypotenuse}}$$ SOH

$$\text{Cosine} = \frac{\text{Adjacent Leg}}{\text{Hypotenuse}}$$ CAH

$$\text{Tangent} = \frac{\text{Opposite Leg}}{\text{Adjacent Leg}}$$ TOA

Mar 7-1:33 PM

1)



$A = \sin^{-1}$ $\boxed{\sin A = \frac{58}{60}}$

$A = \sin^{-1}\left(\frac{58}{60}\right)$

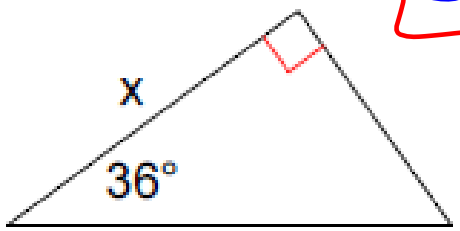
$A = 75^\circ$

Dec 3-11:14 AM

9) $\cos V = 0.9511$

Dec 3-11:14 AM

17)



A

$\cos 36 = \frac{x}{11}$

$11 \cdot \cos 36 = x$

Dec 3-11:14 AM

Today's Activities:

- Notes Trigonometry

P.W. for tonight:

- Worksheet - Trig Essentials
- Reflection from warm up

Day 1

Feb 27-7:23 AM