

Objective: SWBAT review for the test on Friday.

Kickoff

Have out something to write with and your index card!!

Apr 16-7:24 AM

Finish your quiz!

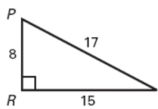
If you are done,
start your homework!

Apr 16-1:36 PM

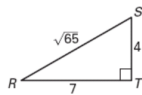
Homework

Finding Trigonometric Ratios

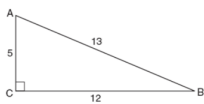
1) Find $\sin P$, $\cos P$, $\tan P$



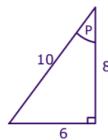
2) $\sin R$, $\cos R$, $\tan R$



3) Find $\sin B$, $\cos B$, $\tan B$

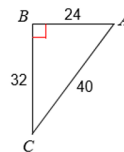


4) Find $\sin P$, $\cos P$, $\tan P$

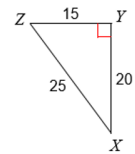


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5) Find $\sin A$, $\cos A$, $\tan A$



6) Find $\sin X$, $\cos X$, $\tan X$



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Solving for a Side

Two Methods for Solving for a Side

Pythagorean Theorem

$$a^2 + b^2 = c^2$$

- c is ALWAYS the hypotenuse

- Use when there are no degrees in the triangle.

Trigonometry

SOH CAH TOA

$$\sin \theta = \frac{\text{Opposite}}{\text{Hypotenuse}} \quad \cos \theta = \frac{\text{Adjacent}}{\text{Hypotenuse}}$$

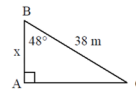
$$\tan \theta = \frac{\text{Opposite}}{\text{Adjacent}}$$

**CROSS MULTIPLY

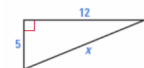
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Directions: Solve for the nearest side. Round all answers to the nearest tenth.

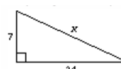
6)



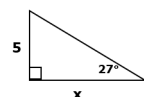
7)



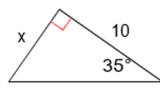
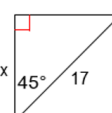
8)

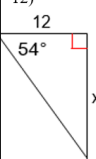



9)


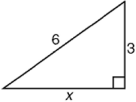


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10)  11) 

12)  13) 

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14)  15) 

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