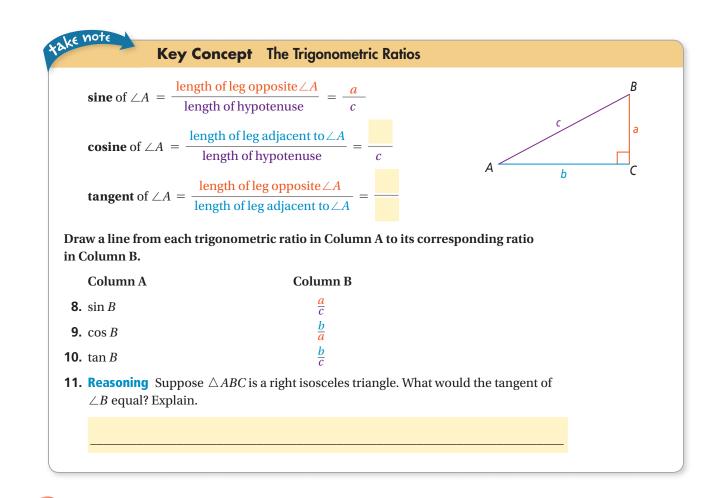
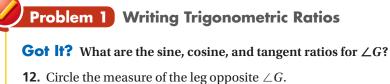


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13. Circle the measure of the hypotenuse.

15. Write each trigonometric ratio.

 $\sin G = \frac{\text{opposite}}{\text{hypotenuse}} =$

 $\cos G = \frac{\text{adjacent}}{\text{hypotenuse}}$

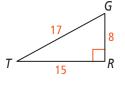
 $\tan G = \frac{\text{opposite}}{\text{adjacent}}$

8 15

15

14. Circle the measure of the leg adjacent to $\angle G$.

8

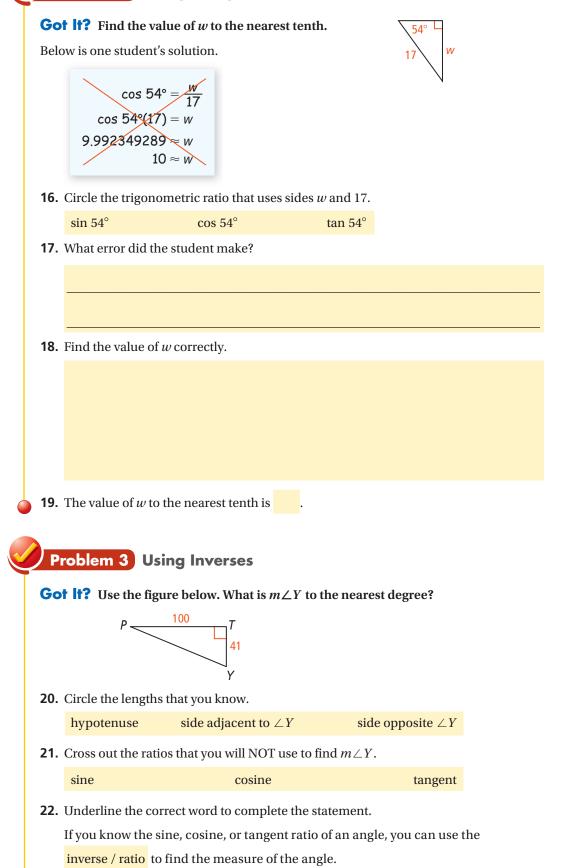


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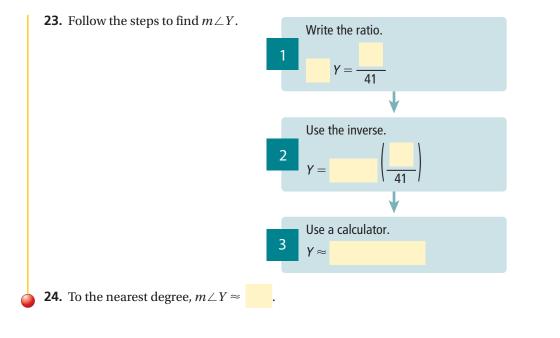
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Problem 2 Using a Trigonometric Ratio to Find Distance



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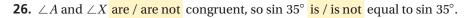


Lesson Check • Do you UNDERSTAND?

Error Analysis A student states that $\sin A > \sin X$ because the lengths of the sides of $\triangle ABC$ are greater than the lengths of the sides of $\triangle XYZ$. What is the student's error? Explain.

Underline the correct word(s) to complete each sentence.

25. $\triangle ABC$ and $\triangle XYZ$ are / are not similar.



27. What is the student's error? Explain.

Math Success			
Check off the vocabulary words that you understand.			
trigonometric ratios	sine	cosine	Langent
Rate how well you can use trigonometric ratios.			
Need to 0 2 2	4 6 8 	10 Now I get it!	

213

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