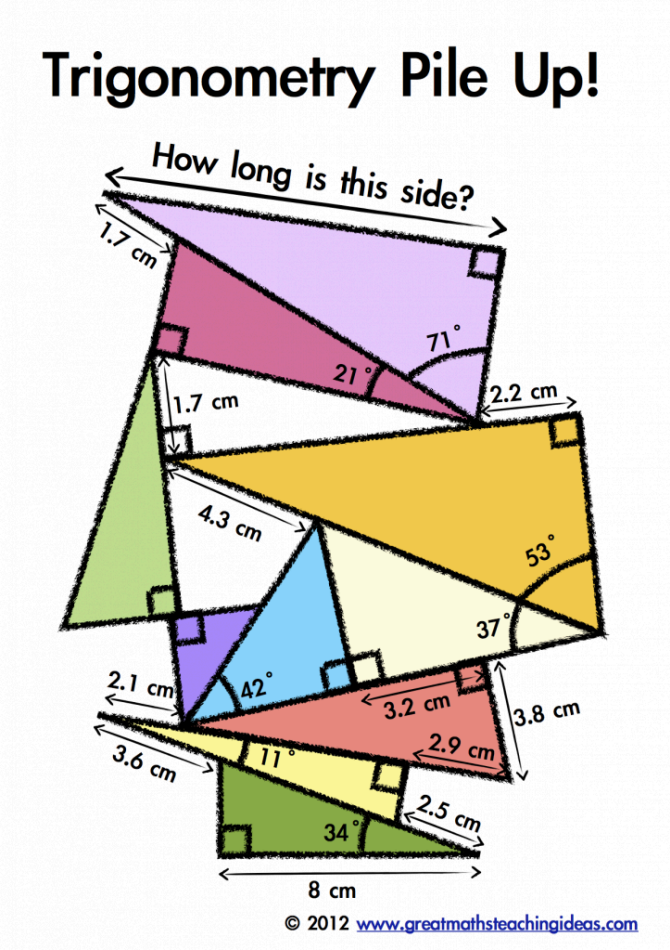
Trigonometry - Featured Resources

M SO4 - Trigonometry Pile Up

(Link: Great Maths Teaching Ideas - Trigonometry Pile Up!)

This just looks like a great challenge and tons of fun to solve! The blog this is from also recommends having some students round answers throughout and other students maintain exact values to compare the final result.



M SO4 - Basic Trigonometry Row Game

(Download: RG - Right Triangle Trigonometry.docx)

Visit the Row Game document for details on how row games are implemented and row games for other topics.

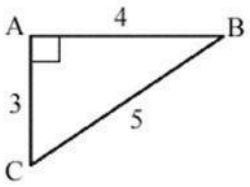
A

1. Complete the mnemonic for the trig ratios: SO__ CA__ __OA

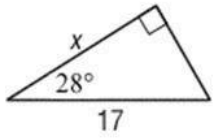
2. Use your calculator to compute sin 17° to the nearest tenth

3. If sin x = .707106781, what is x? (Remember your answer is in degrees!)

4. In this triangle, what is the cosine of B?



5. What is x? Round your answer to the nearest whole number.



6. What is x? Round to the nearest hundredth.

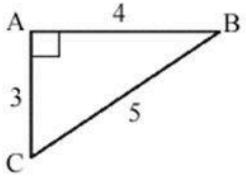
B

1. Complete the mnemonic for the trig ratios: S__H C__H T__ __

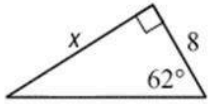
2. Use your calculator to compute cos 73° to the nearest tenth

3. If cos x = .707106781, what is x? (Remember your answer is in degrees!)

4. In this triangle, what is the sine of C?



5. What is x? Round your answer to the nearest whole number.



6. What is x? Round to the nearest hundredth.

7 Processes focus: **Communication**. Visit the Communication Process section for more ideas on how to incorporate Communication in your teaching.