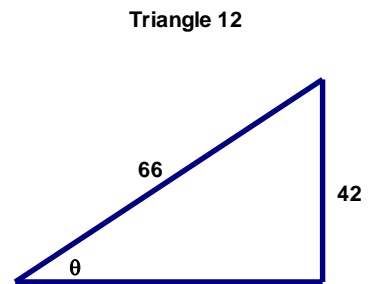
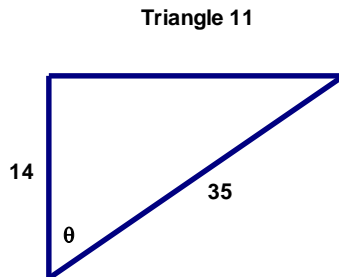
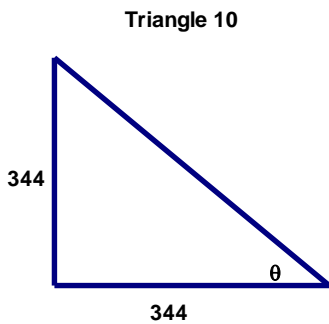
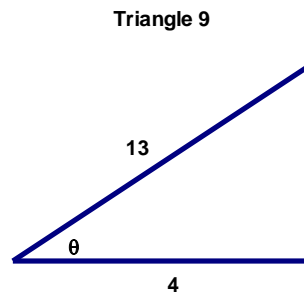
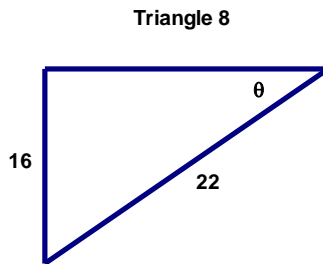
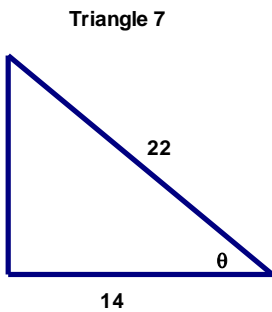
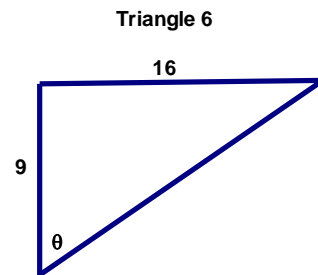
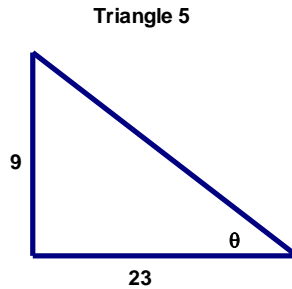
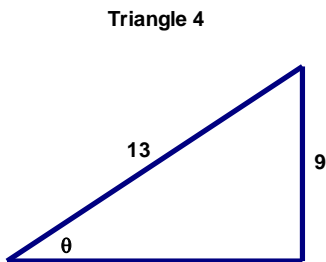
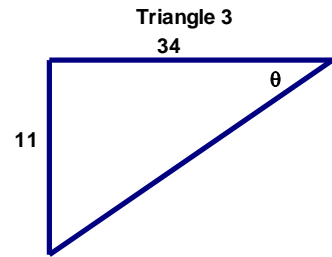
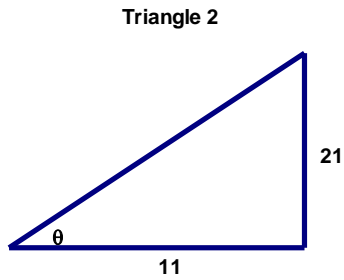
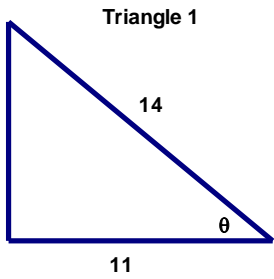


Geometry 8-2 SOHCAHTOA 2

Name: _____

Time> Start: _____ Finish: _____ Total Time = _____



All triangles are right triangles. Find the value of θ rounded to the nearest tenth.

Triangle 1 $\theta =$ _____

Triangle 2 $\theta =$ _____

Triangle 3 $\theta =$ _____

Triangle 4 $\theta =$ _____

Triangle 5 $\theta =$ _____

Triangle 6 $\theta =$ _____

Triangle 7 $\theta =$ _____

Triangle 8 $\theta =$ _____

Triangle 9 $\theta =$ _____

Triangle 10 $\theta =$ _____

Triangle 11 $\theta =$ _____

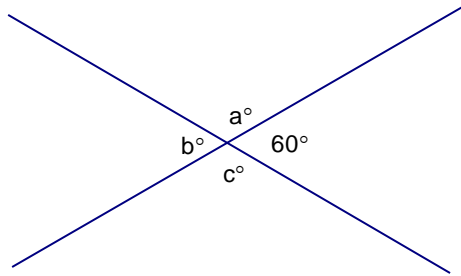
Triangle 12 $\theta =$ _____

SAT Questions

(Numbering is off to keep it consistent with my videos for Trig)

9. Let the symbol $x^{\$}$ represent the number of different pairs of positive integers whose product is x . For example, $16^{\$} = 3$ because there are 3 different pairs of positive integers whose product is 16: 16×1 , 8×2 , and 4×4 .

What does $36^{\$}$ equal?



10. For the two intersecting lines above, which of the following must be true?

- I. $a > c$
- II. $a = 2b$
- III. $a + 60 = b + c$

- A. I only
- B. II only
- C. I and II only
- D. II and III only
- E. I, II, and III