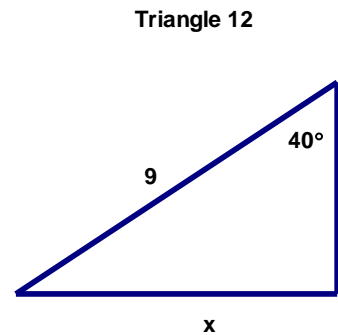
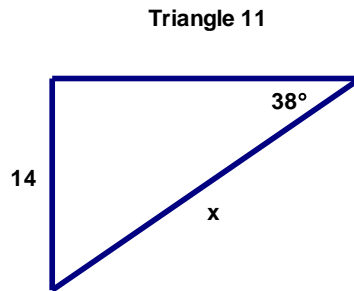
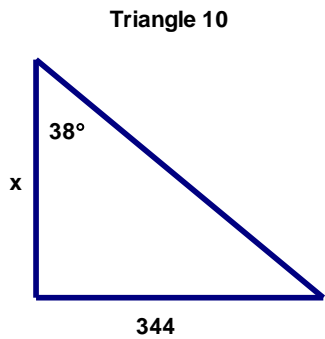
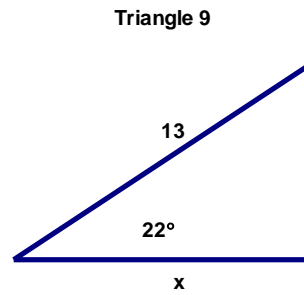
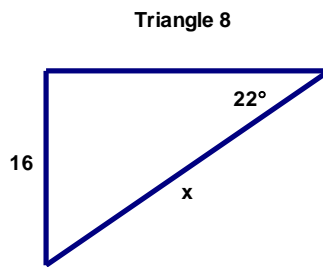
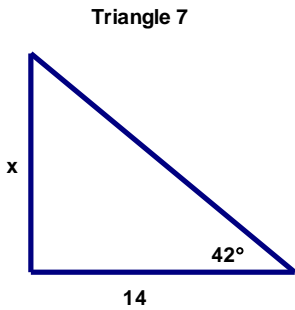
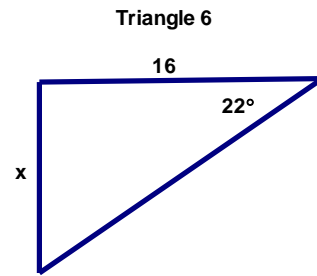
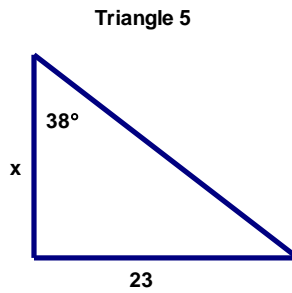
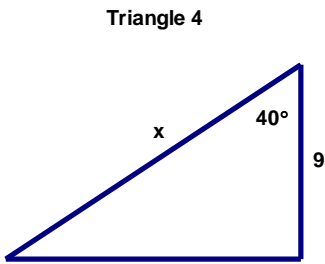
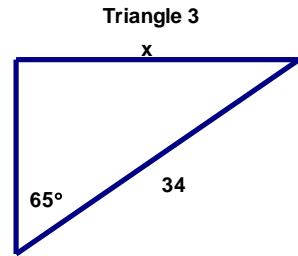
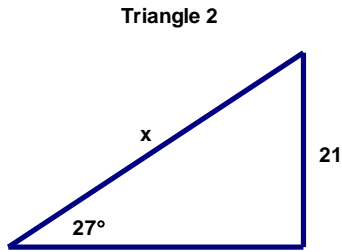
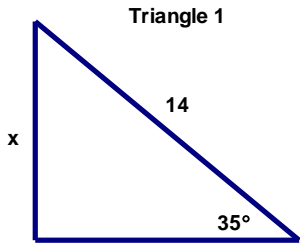


Trig 8-1 SOHCAHTOA

Name: _____

Time Start: _____ Finish: _____ Total Time = _____

All triangles are right triangles. Round the value of x to the nearest tenth.



Triangle 1 $x =$ _____

Triangle 2 $x =$ _____

Triangle 3 $x =$ _____

Triangle 4 $x =$ _____

Triangle 5 $x =$ _____

Triangle 6 $x =$ _____

Triangle 7 $x =$ _____

Triangle 8 $x =$ _____

Triangle 9 $x =$ _____

Triangle 10 $x =$ _____

Triangle 11 $x =$ _____

Triangle 12 $x =$ _____

SAT Questions

- _____ 13. If r is a positive number and s is a negative number, all of the following must represent positive numbers EXCEPT
- A. $-r + s$
 - B. $r - s$
 - C. $\frac{r}{s^2}$
 - D. rs^2
 - E. $(rs)^2$
- _____ 14. At Hickam University, there are a total of 100 students. If 30 of the students have cars on campus, 50 have mopeds, and 20 have both a car and moped, how many students have neither a car nor a moped?
- _____ 15. If 8 people share a winning lottery ticket and divide the cash prize equally, what percent of the prize do 2 of them together receive?
- A. 8%
 - B. 10%
 - C. 20%
 - D. 25%
 - E. 40%