**AC PreCalc Chapter 5 Test Review**

**Do in your notebook, not on this sheet.**

**In 1 and 2, use Pythagorean Identities to evaluate the trig functions.**

**You cannot draw triangles!**

1. 
2. 

**In 3 – 10, Verify.**

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 

**In 11-15, find the following. You may draw triangles for these problems.**

1. 
2. 
3. 
4. 
5. 

**In 16 – 18, solve for all solutions in the interval **

1. 
2. 
3. 

**In 19 – 20, solve for all solutions in radians.**

1. 
2. 

**In 21 – 22, find the exact value of *y* in each of the following.**

1. 
2. 
3. 

**In 24 - 26 , find the exact value.**

1. 
2. 
3. 

**In 27 -30, simplify**

1. 
2. 
3. 
4. 

**In 31 – 33, use a calculator to give the measure of , in degrees and radians.**

**Practice both on the calculator.**

1. 
2. 
3. 

**In 34 & 35, use a calculator to solve for all solutions in the interval **

1. 
2. 

**In 36 – 38, use a calculator to solve for all solutions in the interval **

1. 
2. 
3. 