1. Verify trig identities by
   • changing to sines/cosines
   • using factoring
   • getting common denominators

2. Verify trig identities by
   • separating a fraction into two fractions
   • using the conjugate of the denominator to rewrite a fraction
   • showing an identity matches a trig graph

3. Use sum and difference formulas to find exact values.
   (sin-cos-tan/radians and degrees)

4. Use sum and difference formulas to verify trig identities.

5. Find the values of the sum and difference of sin/cos/tan functions, given two trig equations and the quadrant.

6. Use double angle formulas to find exact values when given two triangles and when given one trig equation and the quadrant.

7. Use double angle formulas to verify trig identities.

8. Use formulas (sum/difference/double angle) to verify trig identities with cos(4t) and with sin (4t).

9. ________________________________

10. Find all solutions to a trig equation.
11. Solve trig equations of multiple angles over the interval $[0, 2\pi]$.  

12. Solve trig equations over the interval $[0, 2\pi]$ by factoring and using identities.  

13. Use a calculator to solve trig equations, correct to four decimal places, over the interval $[0, 2\pi]$.  