**Honors Precalculus
Quest 3.1-3.4 “Can You?”**

1. Sketch an angle in standard position?
2. Convert degrees to radians?
3. Convert radians to degrees?
4. Find coterminal angles?
5. Identify periodic functions and give their period, amplitude and midline?
6. State the domain and range of a periodic function?
7. Predict values of a periodic function knowing the period?
8. Give the ratios for the six trigonometric functions?
9. Give exact values of the six trigonometric functions for values on the unit circle?
10. Give exact values of the six trigonometric functions given a point P(x, y)?
11. Give exact values of the six trigonometric functions given a trig value?
12. Give the formula for a trigonometric function from a graph?
13. Give the formula for a trigonometric function from a table?
14. Graph a trigonometric function given its formula?
15. Use trigonometric functions to model real life behavior?