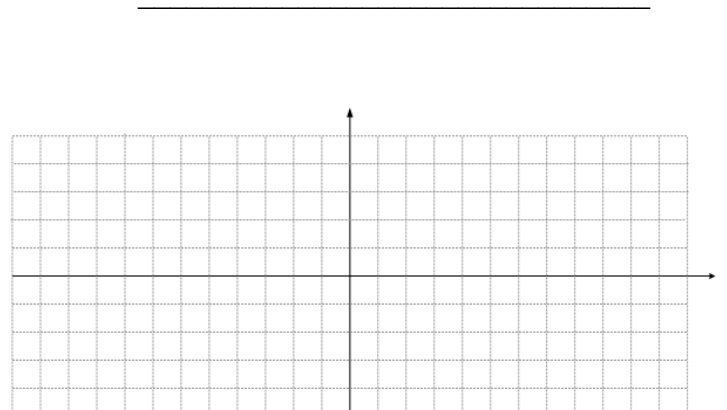
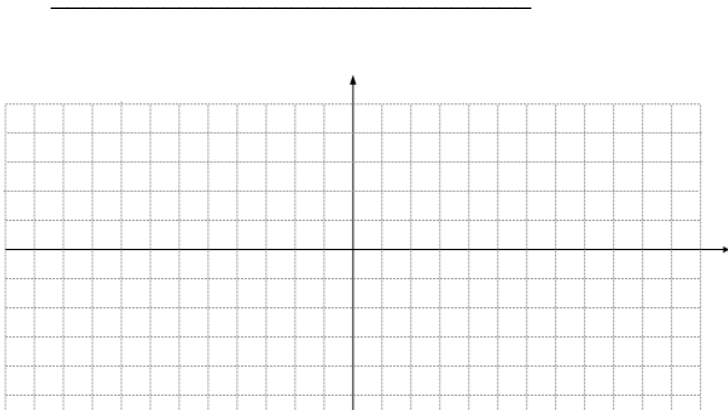
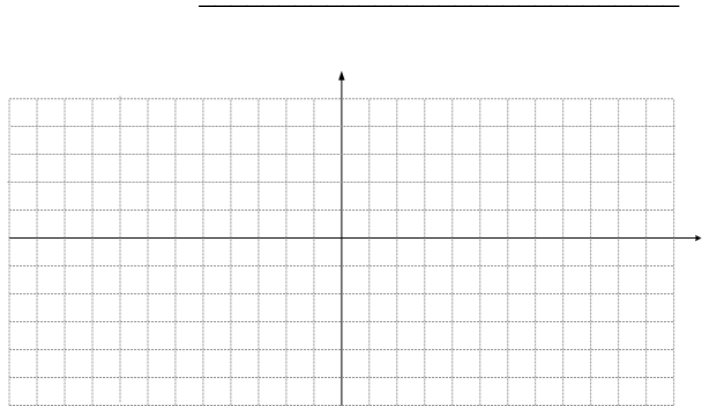
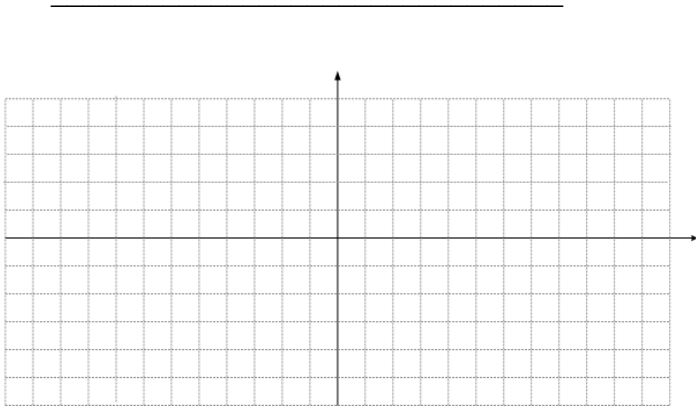
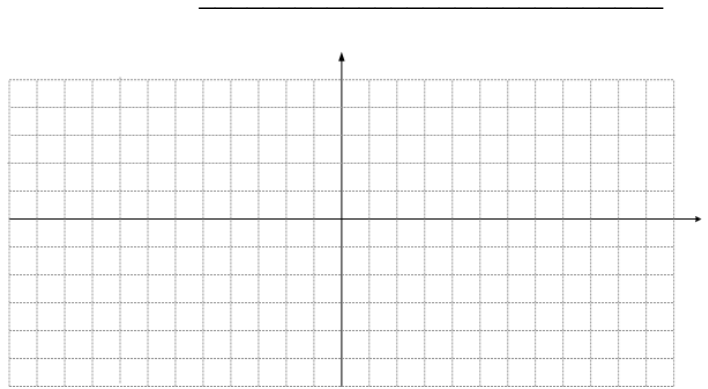
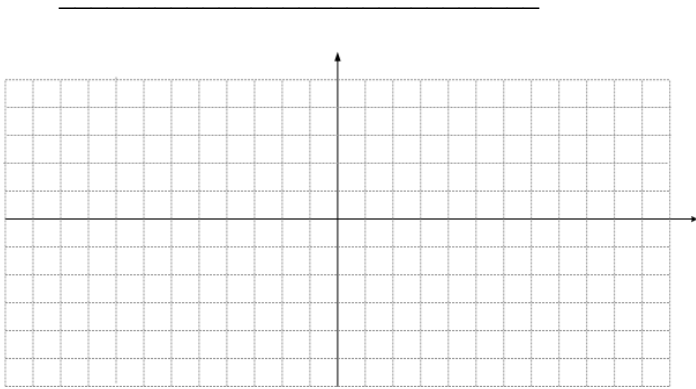


Name _____

**MATH IV
Assessment**

- 1) Fill in the blank unit circle given and turn it in when completed. I will then give you a unit circle which has already been filled in.
- 2) Sketch the graph of each of the 6 trigonometric functions. Be sure to identify which one is which. Label all axes and denote asymptotes as dotted lines.

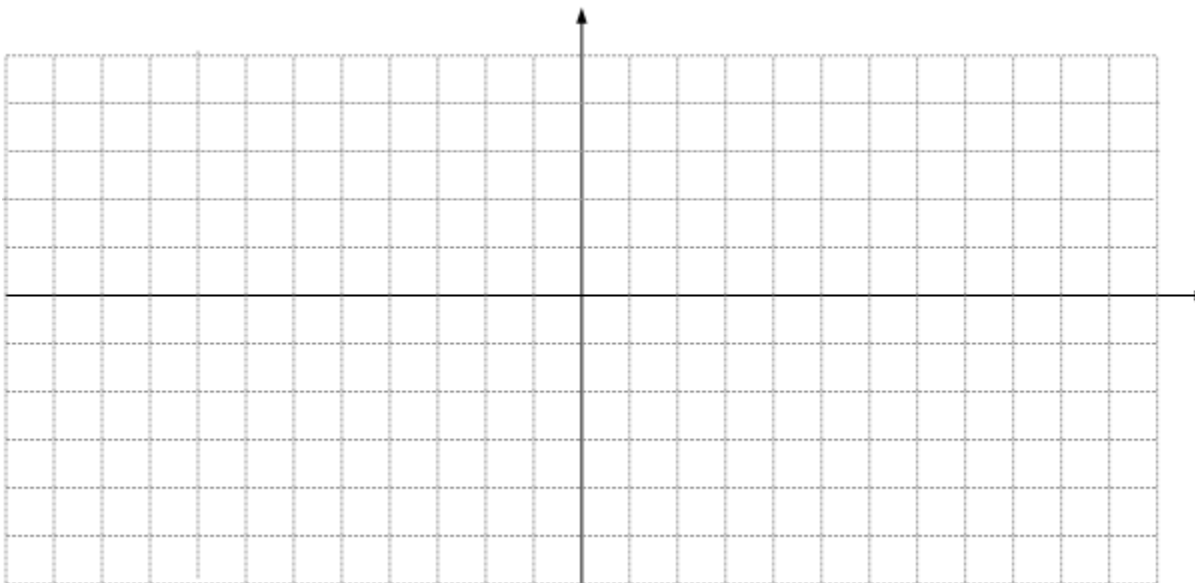


3) For the table below, identify each of the 6 trigonometric functions (by name), give the domain and range, and identify the length of the period.

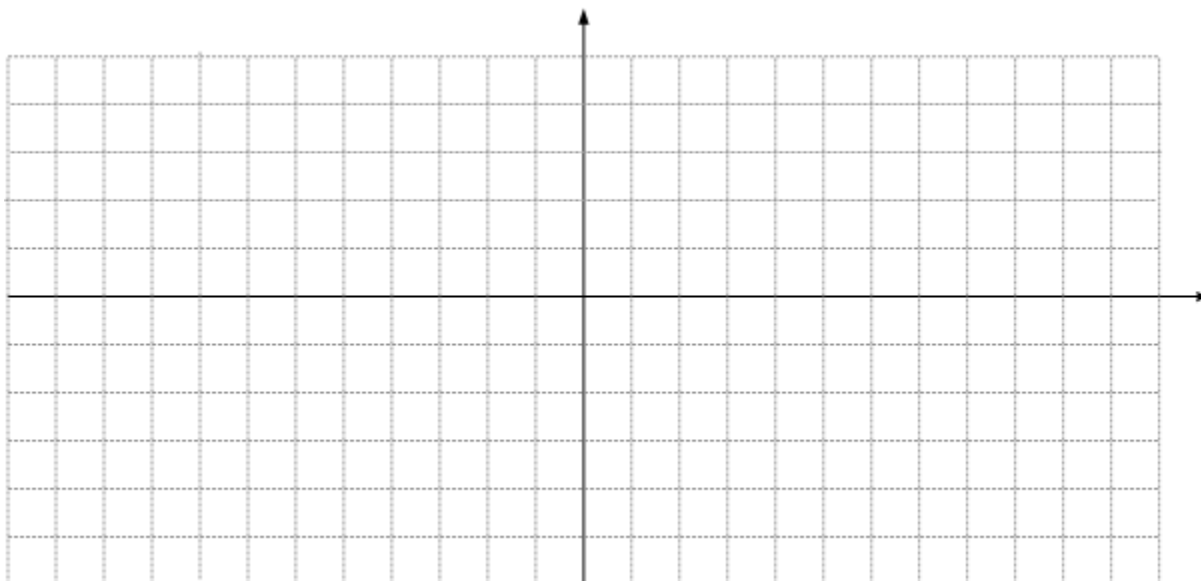
Trig Function	Domain	Range	Period

For problems 4-6, sketch the graph of the equation given. You may use your graph of the parent function on page 1 of the quiz. You may also plot points to help draw the graph. **Denote asymptotes as dotted lines. Use a colored pencil to highlight one full period on the graph.**

4) $y = \sec(x - \pi)$



5) $y = \tan(2x) + 4$



6) $y = -3\csc(x)$

