Honors Trigonometry

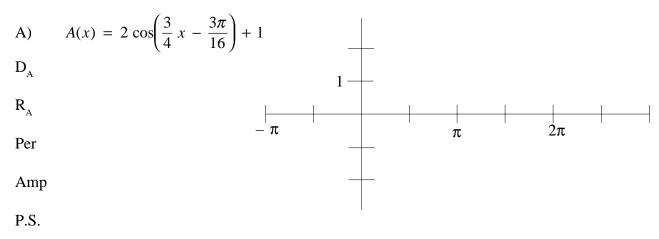
Name _____

Convince *me* that **you** understand the concept.

Per _____ Date _____

CHAPTER #3

I This section covers all of the first two pages of this exam. For *each* problem, supply **domain**, **range**, **amplitude**, **period** and **phase shift** (**including direction**) and **draw** the graph *in the areas provided*. Be sure your drawing crosses or touches the Y-axis. Show the *x*-values of significant points. You are to do the work for section I *directly on this* exam paper rather than on the "newsprint" as usual. Do *all* work for each problem *on newsprint*, but put answers in the space provided. Each problem in this section is worth 15 points.



B)
$$B(x) = -\sin\left(\frac{2}{3}x + \frac{2\pi}{9}\right)$$

$$D_{B}$$

$$R_{B}$$

$$Per$$

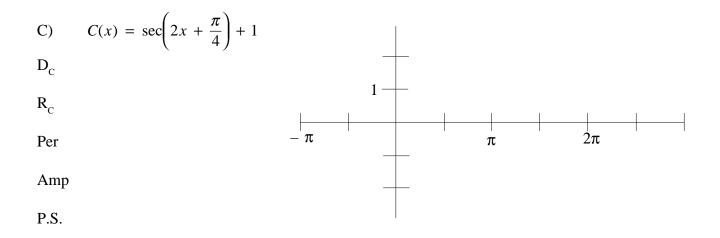
$$Amp$$

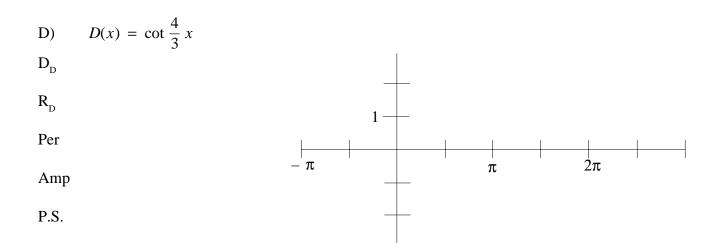
$$P.S.$$

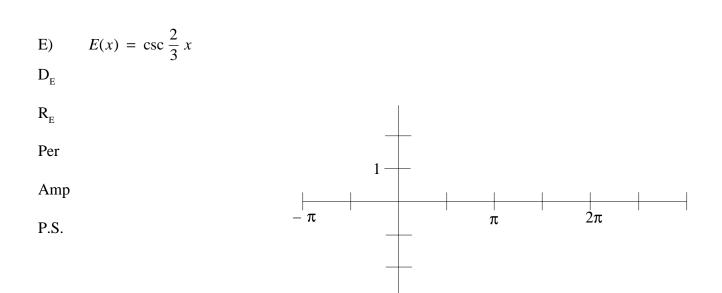
$$-\pi$$

$$\pi$$

$$2\pi$$







You may write on this portion of the exam. However, you may work on newsprint if you prefer.

