Problems From Section 5

June 10, 2009

5.1 • 1-6 Showing Points Lie on the Circle $x^2 + y^2 = 1$

  • 7-12 Use the equation of the circle and the information about quadrants to find a missing coordinate

  • 21-30 Determining Coordinates of Points on the Unit Circle given an Angle

5.2 • 3-22 compute special values of sine and cosine *no calculator*

  • 27-37 computing sine and cosine given points on the unit circle

  • 49-52 determining the quadrant from the sign of values of trigonometric functions

5.3 • 1-14 use your calculator to do some graphs, (or instead of these, just play with your calculator)

  • 15-40 finding frequency, amplitude and phase shifts in graphs

5.4 • 7-52 graphing functions like $8\tan(4x)$