

AP Calculus Summer Assignment

TRIGONOMETRY. You must be able to find the sine, cosine and tangent (and inverses) of angles (in radians only) from 0 to 2 pi **WITHOUT A CALCULATOR**. Be prepared for a quiz the first day. I suggest using the unit circle and the 30-60-90 and the 45-45-90 special right triangles - I dislike simple memorization since folks forget. If you can't handle $\sin\left(\frac{11\pi}{6}\right)$, $\cos(0^\circ)$, or $\cos^{-1}\left(\frac{1}{2}\right)$ (which has 2 answers) stop in to rm 112, say hi and ask for help.