

Practice skills, starting with mini-quiz (Q 4)

$$\arctan\left(\tan\left(\frac{\pi}{6}\right)\right) =$$

$$\arcsin\left(\sin\left(\frac{-\pi}{3}\right)\right) =$$

$$\arccos\left(\cos\left(\frac{3\pi}{4}\right)\right) =$$

$$\arctan\left(\tan\left(\frac{\pi}{3}\right)\right) =$$

$$\arcsin\left(\sin(\pi)\right) =$$

$$\arccos\left(\cos\left(\frac{-\pi}{6}\right)\right) =$$

$$\tan\left(\tan^{-1}(4)\right) =$$

$$\sin\left(\sin^{-1}\left(\frac{7}{9}\right)\right) =$$

$$\cos\left(\cos^{-1}(0.6)\right) =$$

$$\tan\left(\tan^{-1}(-4)\right) =$$

$$\sin\left(\sin^{-1}\left(\frac{-7}{9}\right)\right) =$$

$$\cos\left(\cos^{-1}(-0.6)\right) =$$

$$\tan\left(\sin^{-1}\left(\frac{4}{7}\right)\right) =$$

$$\sin\left(\cos^{-1}\left(\frac{2}{5}\right)\right) =$$

$$\cos\left(\sin^{-1}\left(\frac{1}{4}\right)\right) =$$

$$\tan\left(\cos^{-1}\left(\frac{2}{3}\right)\right) =$$

$$\sin\left(\tan^{-1}\left(\frac{5}{8}\right)\right) =$$

$$\cos\left(\tan^{-1}(7)\right) =$$

$$\tan\left(\arcsin\left(\frac{1}{x}\right)\right) =$$

$$\sin\left(\arccos(x)\right) =$$

$$\cos\left(\arcsin\left(\sqrt{x}\right)\right) =$$

$$\tan\left(\arccos\left(\sqrt{x}\right)\right) =$$

$$\sin\left(\arctan\left(\frac{1}{x}\right)\right) =$$

$$\cos\left(\arctan(1-x)\right) =$$

Find the intercepts and asymptotes of each of the functions, and graph them accurately.

$$y = e^{-x}$$

$$y = e^{-x} + 1$$

$$y = e^{-x} - 1$$

$$y = \ln(x - 3)$$

$$y = -\ln(x) + 1$$

More will be added to this sheet to practice for the skills test and the Math 223 final.