

Trig Graphing Review #1

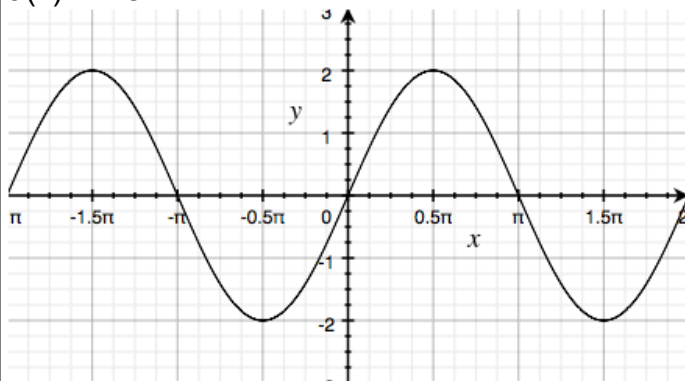
Date:

Period:

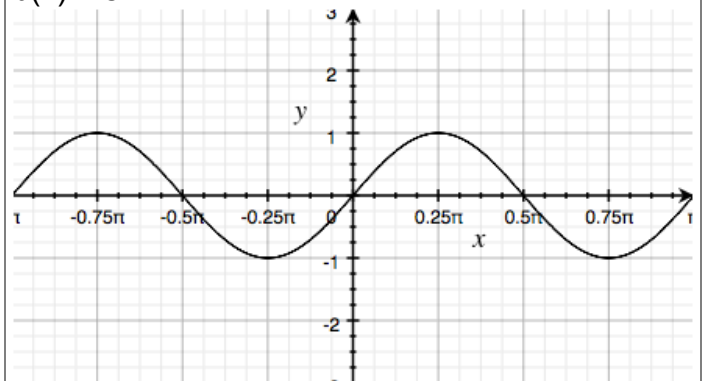
Sketch a fairly accurate graph of these trigonometric functions. Label the axes correctly.

Show two complete cycles! Try not to use a calculator!

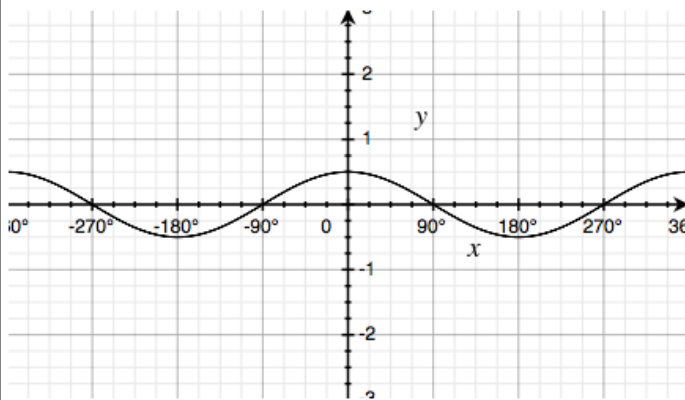
$$a(x) = 2 \sin x$$



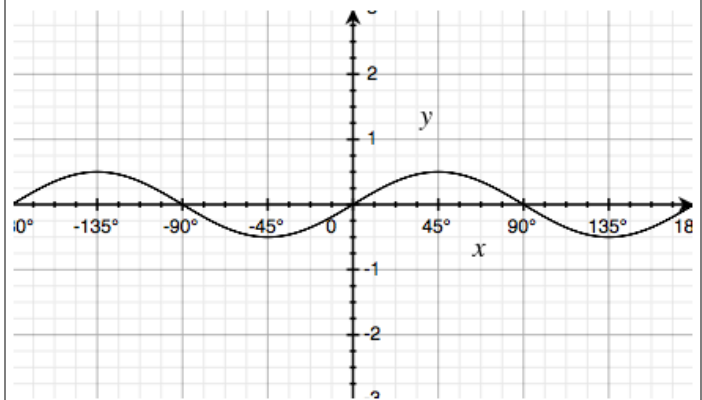
$$b(x) = \sin 2x$$



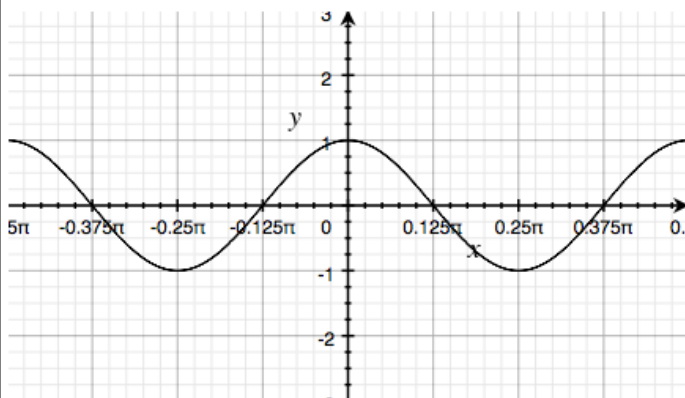
$$c(\theta) = \frac{1}{2} \cos \theta$$



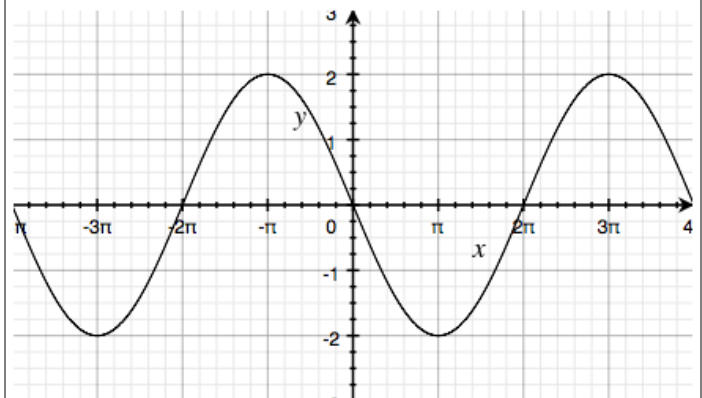
$$d(\theta) = \frac{1}{2} \sin 2\theta$$



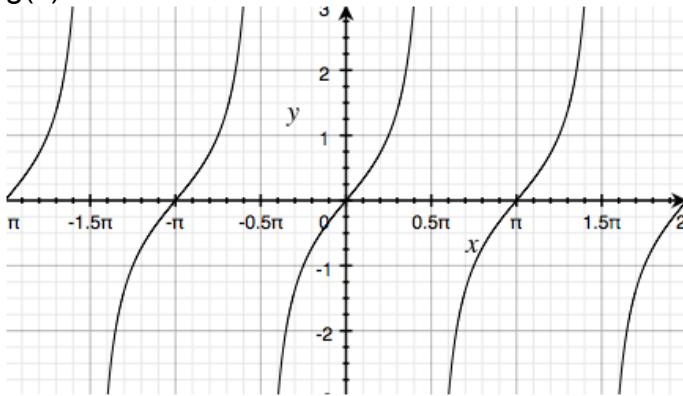
$$e(x) = \cos 4x$$



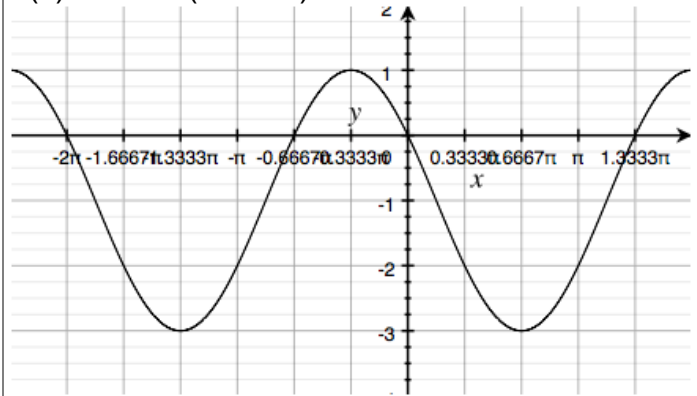
$$f(x) = -2 \sin \frac{1}{2}x$$



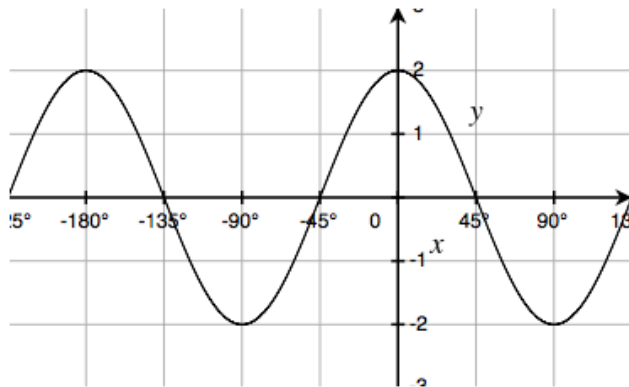
$$g(x) = \tan x$$



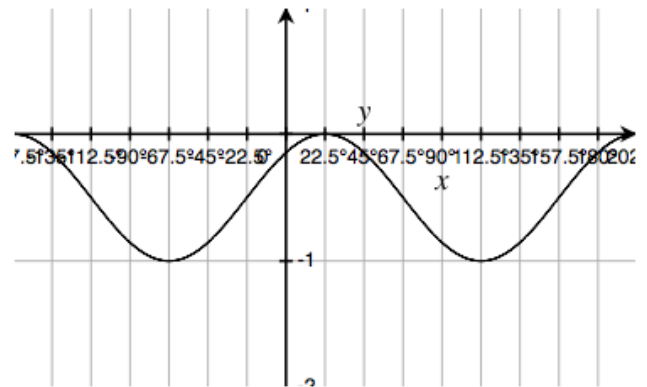
$$h(x) = 2 \cos(x + \pi/3) - 1$$



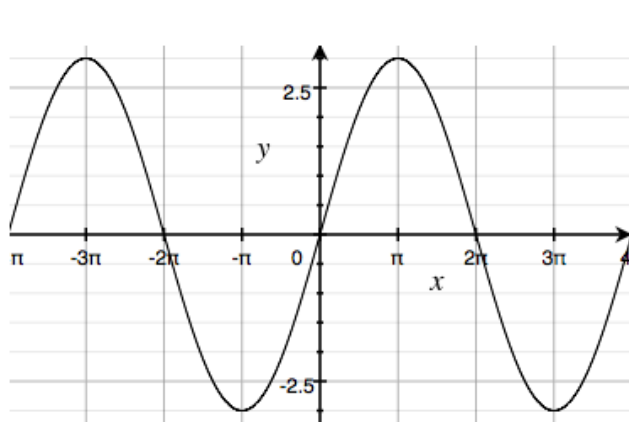
$$i(\theta) = 2 \sin 2(\theta + 45)$$



$$j(\theta) = \frac{1}{2} \cos 2(\theta - 15) - 0.5$$



$$k(x) = 3 \sin \frac{1}{2}x$$



$$l(x) = -\cos \frac{1}{2}x$$

