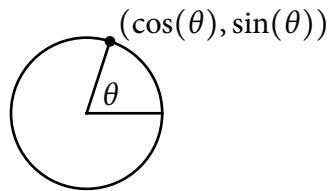- $\sin(\theta) = b/c$

- $\cos(\theta) = a/c$

- $\tan(\theta) = \sin(\theta)/\cos(\theta) = b/a$.

- On the unit circle, $(x, y) = (\cos(\theta), \sin(\theta))$ and $\tan(\theta) = y/x$

- $y = f(x) + c$ is a vertical shift of $y = f(x)$; $y = 0$ becomes $y = c$.

- $y = f(x - c)$ is a horizontal shift of $y = f(x)$; c is the new zero.

- $y = Af(x)$ scales the graph of $y = f(x)$ in the y-direction; $y = 1$ becomes $y = A$.

- $y = f(x/A)$ scales the graph of $y = f(x)$ in the x direction, and A is the new 1