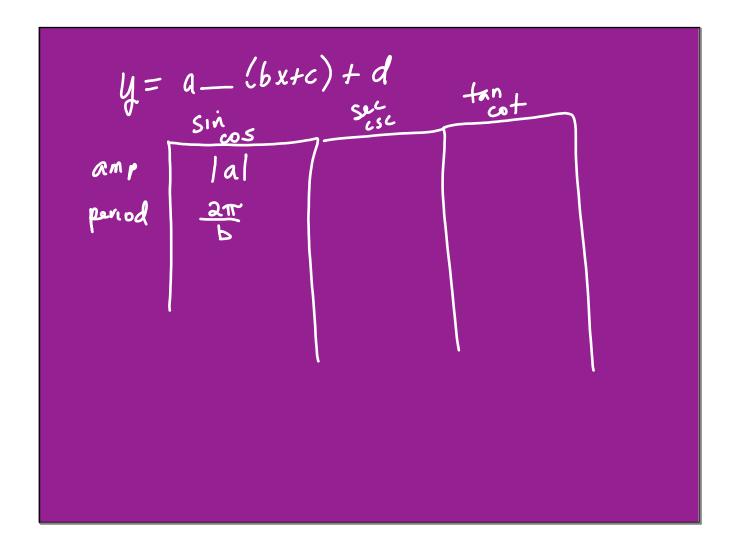
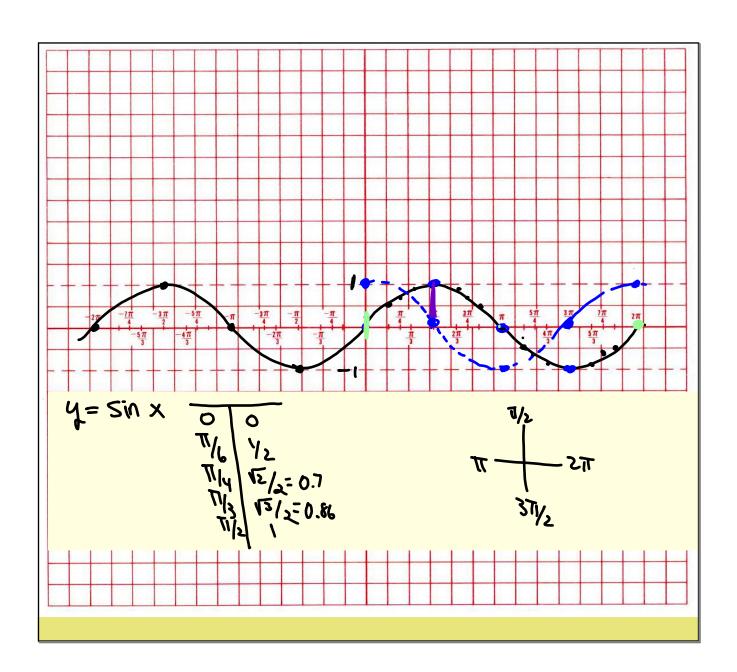
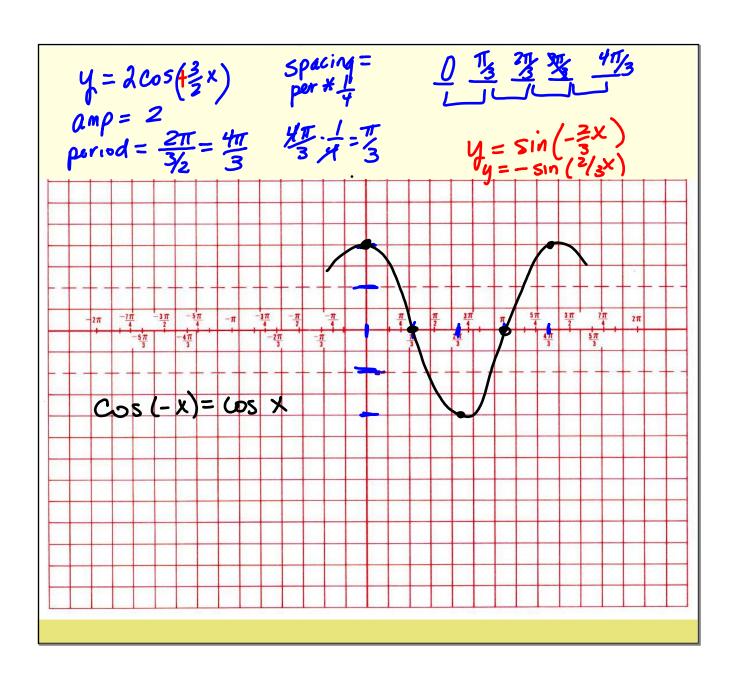
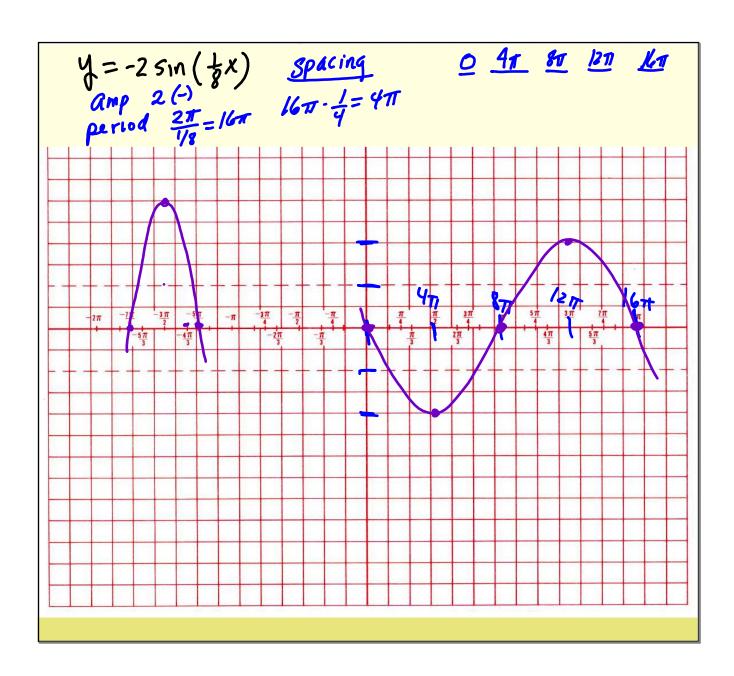
GRAPHING TRIG FUNCTIONS * Characteristics of trig graphs Periodic functions repeat on regular intervals * Graphs of SINX+ COSX amplitude- from x-axis to peak * Amplitude & period horma amp = 1 Changes period - (wavelength) Normal = 2Tr the wave SIN X starts on the x-axis 4 moves upward cosx starts at a peak + moves downward Sin(x) per = 277 $Sin(\frac{1}{4}x)$ per = 877 $\frac{2\pi}{14}$ 51n (2x) per = TT









$$y = 4 \sin\left(\frac{3}{2}x\right) \qquad -10$$

$$y = 4 \sin\left(\frac{3}{2}x\right) \qquad -6$$

$$-2$$

$$\frac{10+2-6}{2}$$

$$b = a\pi$$

$$pariod$$

$$y = 4 \sin\left(\frac{3}{2}x\right) \qquad -6$$

$$2 = 2\pi$$

$$3 = 2\pi$$

$$4\pi$$

$$3 = 2\pi$$

$$3 = 3$$

$$4\pi$$

$$3 = 2\pi$$