Are there any Homework Questions you would like to see on the board?

pp. 373-375 # $1 - 3$, $(4 - 6)$abc, 7a, 8ab, 9, 10, 12ab, 13abc

Today's Learning Goal(s):

By the end of the class, I will be able to:

a) graph functions of the form: $f(x) = a \sin(x - c) + d$

MCF 3MI

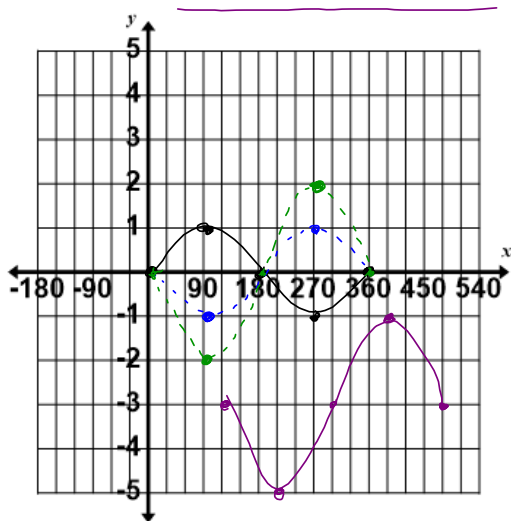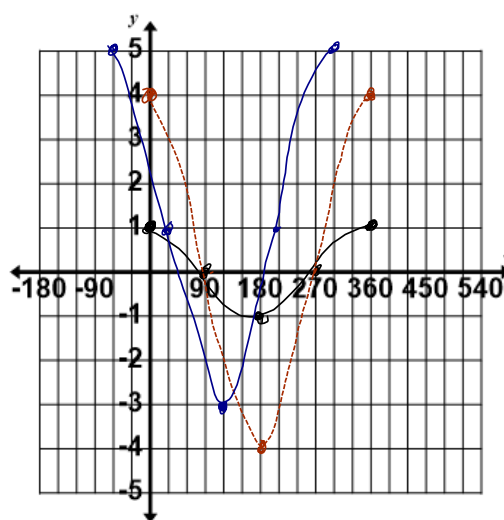# 6.6 More Transformations of the Sine Function (Day 2)

$$f(x) = a \sin (x - c) + d$$

Date: May 6/19

Ex. 1: Sketch

a) $f(x) = -2\sin(x - 120°) - 3$ RST

b) $g(x) = 4 \cos(x + 60°) + 1$

Equation of the axis $y = -3$

Amplitude 2

Period: $360°$

Domain: $\{x \in \mathbb{R}\}$

Range: $\{y \in \mathbb{R} \mid -5 \le y \le -1\}$

Equation of the axis $y = 1$

Amplitude 4

Period: $360°$

Domain: $\{x \in \mathbb{R}\}$

Range: $\{y \in \mathbb{R} \mid -3 \le y \le 5\}$

Review the learning goals. Were we successful today?

a) graph functions of the form: $f(x) = a \sin(x - c) + d$

(Inform of graphs on website.)

TOMORROW: SWYK 6.2

Today's Homework:

pp. 373-375 #(4 – 6)def, 7b, 8cd, 11, 12cd, 13def   **AND**
Work Ahead on the Chapter 6 Review (See Unit Outline)