Pre_Calc Warm up week 10

Monday/ Tuesday Warm up: [help on page 439]

(Bring your head phones this week to watch videos on trig graphs)

Write the equation:

y = $5Sin\left(2x + \frac{3\pi}{4}\right) + 6$ in the form below

y = $ASin\left[\omega\left(x - \frac{\emptyset}{\omega}\right)\right] + H$ 　　　　NB $\emptyset = -\frac{3\pi}{4}$

Thursday /Wednesday Warm up: [help on page 439]

If $f(x) = -7Cos\left[3\left(x - \frac{\pi}{2}\right)\right] - 1$

Period =

Amplitude =

Phase shift =

Horizontal shift =

Vertical shift =

Is this a Horizontal Compression or Horizontal expansion?

Friday Warm up:

Study page 441 for Friday quiz, it will be 4 problems between problems 47 and 74, only even numbers.