Warm Up: Pre-Calc 2/4

Complete the sentences:

1) Black lives matter because.....

2) I will know that black lives matter when....

Feb 27-7:39 AM

Solutions to P.W.: pg. 211 #9

a.

b.

c.

d.

Feb 27-7:39 AM

9. Reason quantitatively. Jenna created the periodic function $y = h(x)$ to model the depth of the water at the local marina during high and low tide. In Jenna's function, x is the number of hours that have passed since midnight, and y is the number of inches the water level at the marina is above or below 48 inches. Describe the effect each of the following changes has on the graph of $y = h(x)$.

a. x is measured in minutes instead of hours.

b. x is the number of hours before or after 6 p.m. instead of after midnight.

c. y is measured in feet instead of inches.

d. y is the depth of the water instead of the difference from 48 inches.

Jan 15-10:29 AM

W.A.L.T.:

Apply our understanding of the transformations of functions to explain the behavior of the periodic function, f(x) = sin x.

W.A.S.I:

We can apply changes in the graph to translate f(x) = sin x.

Mar 7-9:45 AM

In Class Work:

Graphing Sine Activity

Please make the two changes below.

5) $y = \sin\left(x - \frac{\pi}{2}\right)$

6) $y = A \sin[B(x - C)] + D$

Mar 7-1:33 PM

Today's Activities:

- Graphing the Sine Function

P.W. for tonight:

- Finish that

Feb 27-7:23 AM