Are there any Homework Questions you would like to see on the board? pp. 339-343 #2-4, 6, 9, 12

Today's Learning Goal(s):

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

a) relate details of sinusoidal phenomena to their graphs.

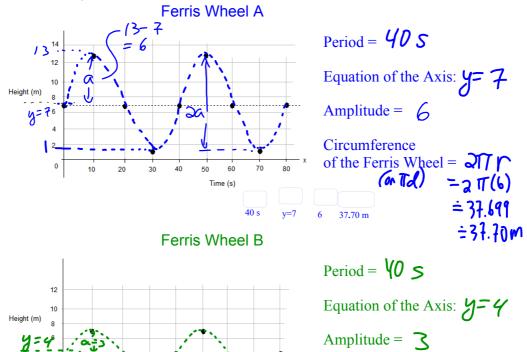
BE READY for the UNIT 5 SUMMATIVE Tomorrow!

MCF 3MI

6.4 Comparing Sinusoidal Functions

Date: 401-30/18

Ex.1: Complete the table.



Ex. 2: How do we interpret the following information about the Ferris wheel?

40 s

a) period for Ferris Wheel A, Ferris Wheel B the time for 1 complete rotation

b) equation of the axis

 $\frac{\max + \min}{2}$

Sheight of the center of the wheel above the ground.

c) amplitude for each Ferris Wheel

a = max - eq'n of the axis

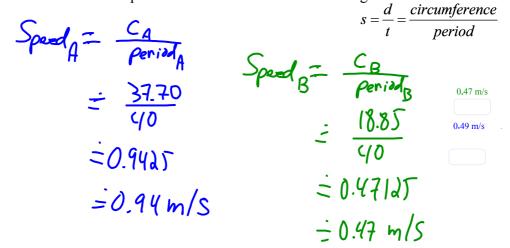
OR

 $\frac{\max - \min}{2}$

Circumference

of the Ferris Wheel = 2π

Ex. 3: Calculate the speed at which each wheel is travelling.



BE READY FOR TOMORROW'S UNIT 5 TRIGONOMETRY SUMMATIVE

Today's Homework: (Due Wednesday May 2)

pp. 348-350 # 1 - 3, 7 AND

READ pp. 355-356 AND

pp. 357-358 # 1 - 4, 6 - 8