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| **OBJECTIVES:*** Be able to graph the sine and cosine functions in both radians and degrees, using The Five Point Method.
* Note that the ranges of both ***y = sin x*** and ***y = cos x*** will be **y**-values between -1 and 1.
* Understand that the term ***sinusoid*** refers to both the sine and the cosine functions.
* Be able to model periodic behavior with sinusoids.

**TUESDAY (11.12.24)** **Homework-Check and Discussion of the previously assigned work:****Graph the following, using The Five Point Method and radians.**1. y = sin x
2. y = cos x
3. y = 4sin (0.2x)
4. y = 4cos (0.2x)
5. y = -2sin (*π*x) + 1
6. y = -2cos (*π*x) + 1

**Class Work/Homework:**Page 351 (#57, 59)Page 351 (#62, 64, 66). Follow the directions and, also, graph one period of these functions, using The Five Point Method.**THURSDAY (11.14.24)** **Homework-Check and Discussion of the previously assigned work.****Class Work/Homework:** Page 351 (#68). Follow the directions and, also, graph one period of this function, using The Five Point Method.Page 351 (#72, 73, 76)**FRIDAY (11.15.24) A-DAY, NO CLASS** |
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