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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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