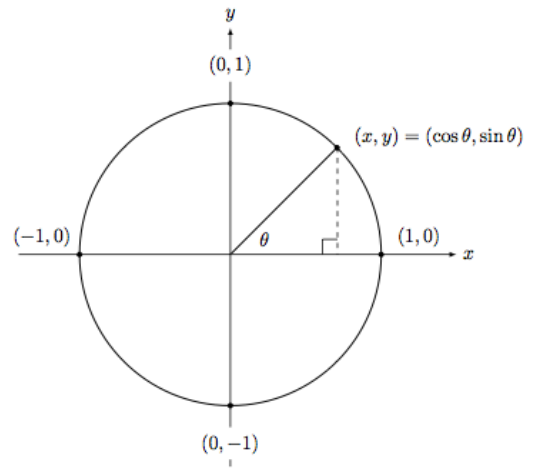


PRECALCULUS 2023 – UNIT 5A – THE UNIT CIRCLE

Standards:

Students will use the circle to define trigonometric functions.

- Define and understand angles measured in degrees and radians.
- Understand and apply the six trigonometric functions as functions of the general angles in standard position.
- Find values of trigonometric functions using points on the terminal sides of angles in the standard position.
- Understand and apply the six trigonometric functions as functions of arc length on the unit circle.
- Find values of trigonometric functions using the unit circle.



**** This is a NO CALCULATOR unit!! ****

Tuesday October 31	CTLS Assessment HW: Angles Review WS ... <i>You need to know this again!!</i>
Wednesday November 1	<i>The Unit Circle – Quadrant I</i> Warmup – Review 30–60–90/45–45–90 Outline ... add degrees, radians, and ordered pairs Trig Values in Quadrant I WS
Thursday November 2	<i>The Unit Circle – All Other Quadrants</i> Warmup – Blank Unit Circle – Quadrant I Only Outline ... add degrees, radians, and ordered pairs Trig Values WS#1 Parts I and II
Friday November 3	<i>The Unit Circle – Degrees & Radians</i> Warmup – Blank Unit Circle – Entire Unit Circle The Unit Circle Practice WS
Monday November 6	Quiz Part A – Memorization of Unit Circle (Timed – 15 Minutes) Warmup – Unit Circle #1 (Find the Exact Values) Standard Trig Values Review WS
Tuesday November 7	<i>Election Day</i> No School
Wednesday November 8	<i>Review</i> Warmup – Unit Circle #2 (Find the Exact Values) More Unit Circle Practice WS
Thursday November 9	Quiz Part B – Find Trig Values: Degrees and Radians