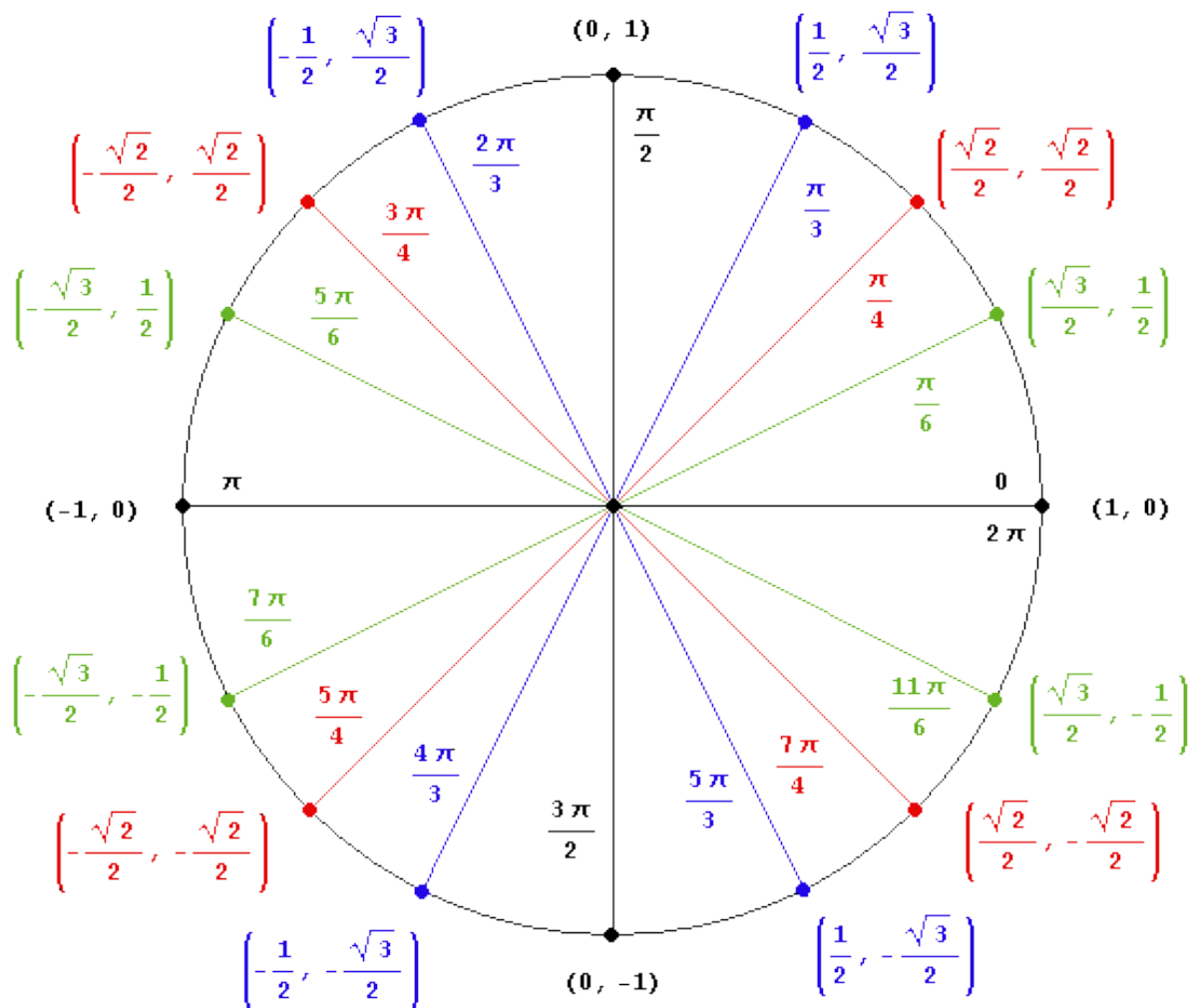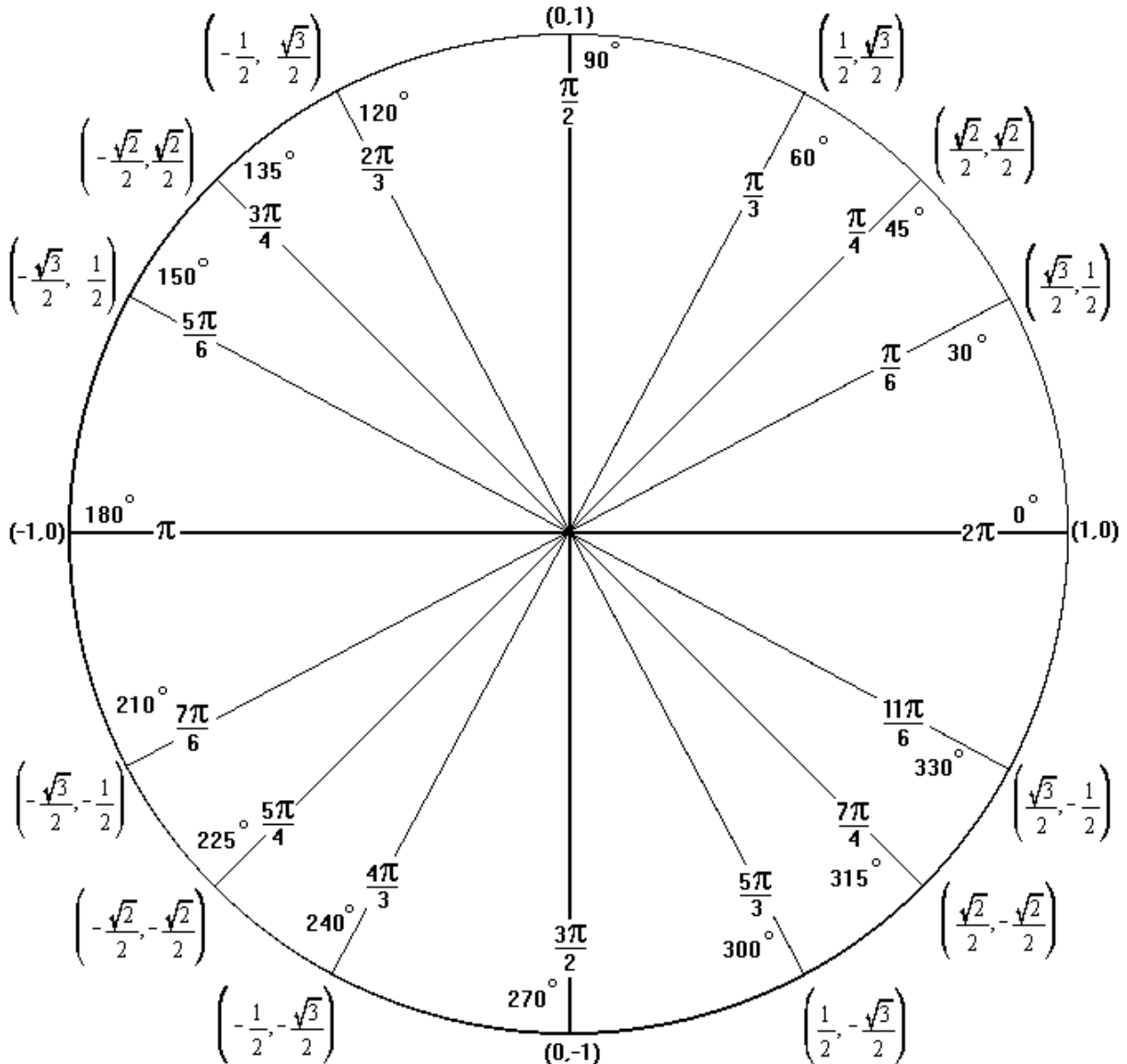# Trigonometry – The Unit Circle

The Mathematics faculty of Clark College feel it is essential for the student to memorize and understand the unit circle in order to be successful in the Calculus sequence and STEM courses. Specifically students should:

- Memorize all of the special angles (in degrees and radians) around the unit circle and the corresponding x- and y-coordinates.

- Memorize the circular and right triangle definitions of the trig functions and be able to evaluate them at all special angles (in degrees and radians) without the aid of any kind of calculator.

Trigonometry – The Unit Circle

Note: Two copies of the unit circle are included here, one color and one black-and-white, so you may print the one of your choice. I recommend that you print several copies and hang them in places your frequent until you have it memorized. How about a laminated copy in your shower? ☺