

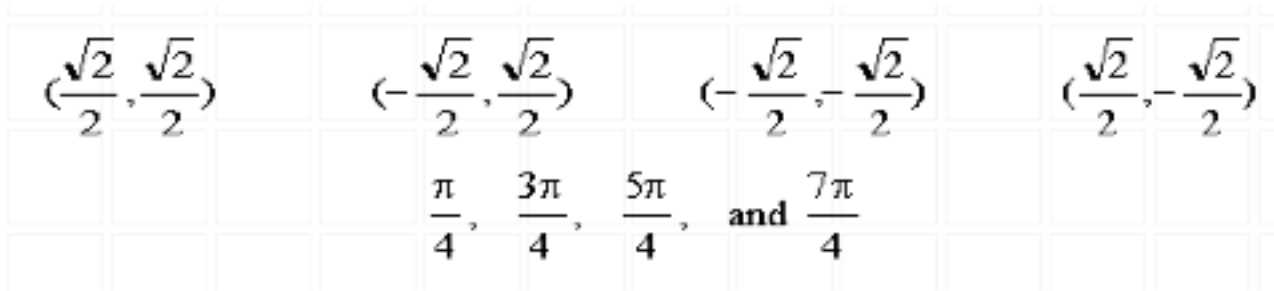
Unit Circle Review

1. Cut out a large circle.
2. Fold the circle in half to get one diameter. (Fold 1)
3. Fold the circle in half again. You should have a sector that represents 1/4 of a circle (Fold 2).
4. Completely unfold. Draw in the x- and y-axis. Label the radius as 1 unit. Label the points and their corresponding radians.

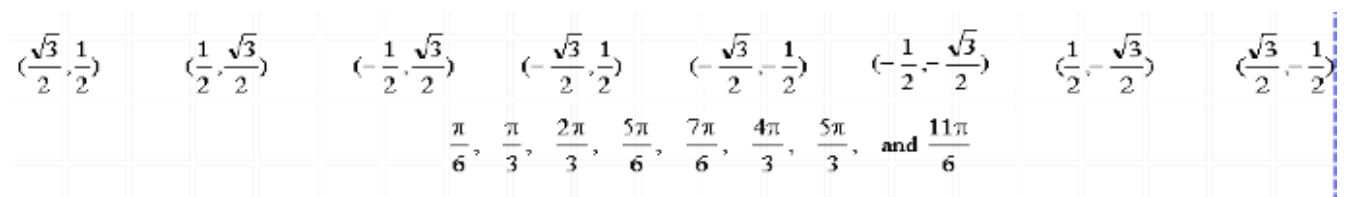
(1,0) (0,1) (-1,0) (0,-1)



5. Refold the circle to position of Fold 2. Fold the quarter circle again in half. Draw in these lines.
6. Label these new points and identify them as radians also.



7. Refold the circle to position of Fold 2. Fold the quarter circle into thirds.
8. Draw in these 4 lines. Label these new points. Identify them as radians also.



Recall that the coordinate of each endpoint on the unit circle is $(\cos A, \sin A)$. Use this unit circle to help you recall the values in the table for a Table of Trigonometric Values.

Your HW is to fill out this table only using values from this circle. (See reverse)

You may not use a calculator. Do not lose this circle or the table as you'll use it on a quiz tomorrow and when we use trigonometry this first marking period.

