

IN-CLASS ACTIVITY

ANGLES AND CIRCLES

SET A

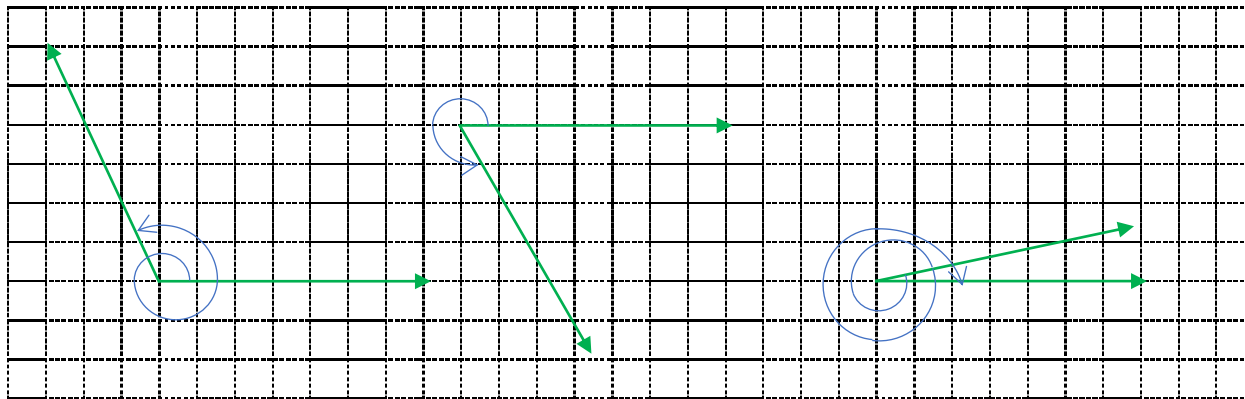
NAME: _____

SECTION: _____

STUDENT ID: _____

This in-class activity has been designed for use in class to supplement the discussion on Angles and Circles in trigonometry. Do not proceed with the items unless given the instruction.

Part One. Measure the following angles.



Part Two. Construct the following angles in standard position.

160°		1100°		380°	
-920°		3580°		-20°	

Part Three. Complete the table below.

Measurement of the Angle in SP	Revolutions	Location	Smallest Positive Coterminal Angle	Reference Angle
1. 285°				
2. -440°				
3. 679°				
4. $-5\,432^\circ$				
5. 270°				

Part Four. Convert the following angle measures from degrees to radians or vice-versa, whichever applies.

- 510°
- -2220°
- $-\frac{4}{3}\pi$
- $\frac{9}{10}\pi$

Part Five. Complete the table.

Measurement of the Angle in SP	Location	Reference Angle	Coordinates of the corresponding Trigonometric Point
1. -60°			
2. 405°			
3. 870°			
4. -630°			
5. 945°			