Topic 76 Potations	Name:
Topic: 7.6 Rotations and Rotational	
Symmetry	Class: Math 9
	Date:
Questions/Main Ideas:	Notes:
Learning Intention	Draw and classify shapes with rotational symmetry.
	A shape has <i>Rotational Symmetry</i> when it coincides (matches) with itself after a rotation of less than 360°. A shape that only matches itself after a full rotation does not have rotational symmetry.
Rotational Symmetry:	
In general, the angle of	
rotational symmetry 360	This shape matches up with itself 4 times in one complete turn (ie during a rotation of 360°)
$=\frac{300}{\text{the order of rotation}}$	Sothis shape has a rotational symmetry of order 4.
Try these:	•

