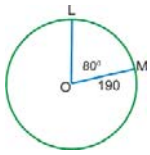
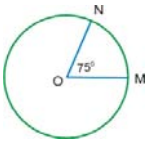
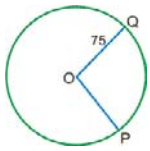
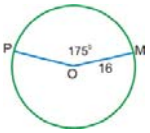
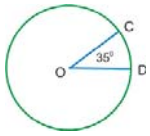
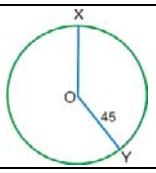
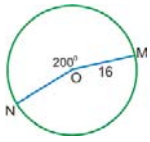
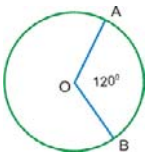
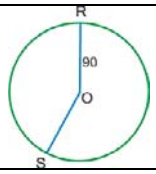
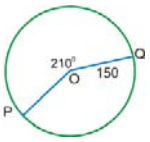
Name _____ Date _____

Quiz: Arcs in Circles

1		In circle *O*, the radius is 76, and the measure of minor arc GM is 96 degrees. Find the length of minor arc GM to the *nearest* integer.	2		In a circle the angle is 75 degrees. And the length of minor arc NM is 250.Find the radius of the circle.
3		A circular track has a radius of 75 feet. The distance of point Q to point P is 130. Find to the nearest degree, the measure of minor arc.	4		In circle *O*, the radius is 76, and the measure of minor arc GM is 96 degrees. Find the length of minor arc GM to the *nearest* integer.
5		In a circle the angle is 35 degrees. And the length of minor arc CD is 159.Find the radius of the circle.	6		A circular track has a radius of 45 feet. The distance of point X to point Y is 176. Find to the nearest degree, the measure of minor arc.
7		In circle *O*, the radius is 16, and the measure of minor arc GM is 200 degrees. Find the length of minor arc GM to the *nearest* integer.	8		In a circle of a garden the angle is 120 degrees. And the length of minor arc AB is 468.Find the radius of the circle.
9		A circular track has a radius of 90 feet. The distance of point S to point R is 90. Find to the nearest degree, the measure of minor arc.	10		In circle *O*, the radius is 150, and the measure of minor arc GM is 210 degrees. Find the length of minor arc GM to the *nearest* integer.

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%