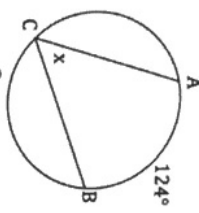
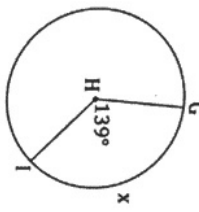
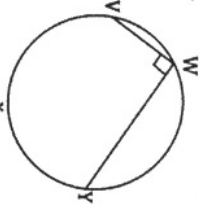
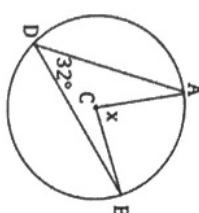
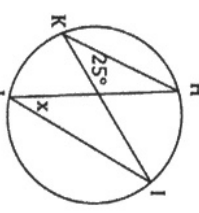
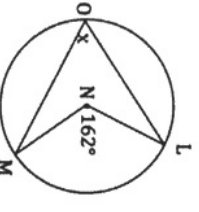
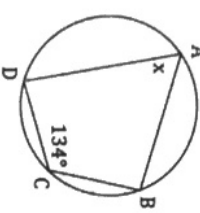
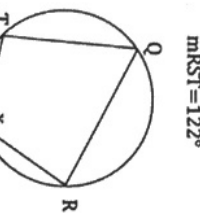
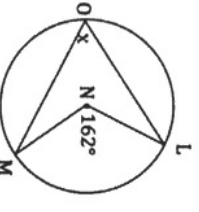
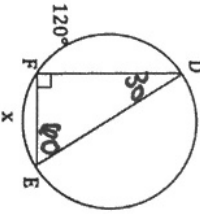
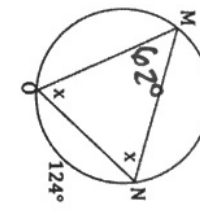
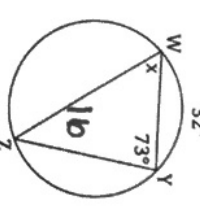
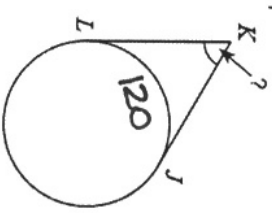
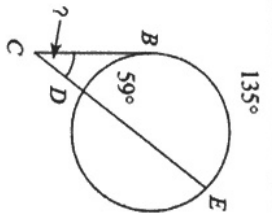
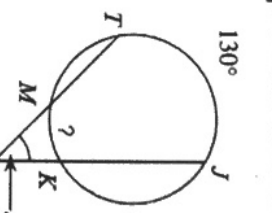
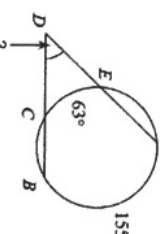



NC MATH 3 HONORS UNIT 7A - CIRCLES AND TRIGONOMETRY

7.1 Circle Relationships

Find the measure of the indicated arc or angle.

1		2		3	
4	$X = 64^\circ$ 	5	$X = 139^\circ$ 	6	$X = 180^\circ$ 
7	$X = 46^\circ$ 	8	$X = 25^\circ$ 	9	$X = 81^\circ$ 

10	$X = 60^\circ$ 	11	$X = 59^\circ$ 	12	$X = 91^\circ$ 
13		14	$X = \frac{135 - 59}{2} = 38^\circ$ 	15	$X = 40$ $45 = \frac{130 - X}{2}$ $90 = 130 - X$ 
16	$X = \frac{155 - 63}{2} = 46^\circ$ 	17	$X = 47^\circ$ $155 - X = 108$ 	18	$X = \frac{121 - 45}{2} = 38^\circ$ 