## Circles Worksheet 2

1. What is the measure of a central angle with an arc measure of $45^{\circ}$ ?
2. What is the measure of an inscribed angle with an arc measurement of $150^{\circ}$ ?
3. What is the measure of an inscribed angle with an arc measurement of $70^{\circ}$ ?
4. What is the measure of the arc with an inscribed angle is $18^{\circ}$ ?
5. What is the measure of an angle inscribed on a diameter?
6. What is the measure of an inscribed angle with an arc measurement of $180^{\circ}$ ?
7. A circumscribed angle intercepts an arc of $72^{\circ}$. What is the measure of the angle?
8. What is the measure of an inscribed angle with an arc measurement of $120^{\circ}$ ?
9. What is the measure of a circumscribed angle formed by two tangents that are perpendicular to one another?
10. What is the measure of the angle formed between a tangent and the diameter of a circle?
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