Circles Worksheet 2

1. What is the measure of a central angle with an arc measure of 45°?

2. What is the measure of an inscribed angle with an arc measurement of 150°?

3. What is the measure of an inscribed angle with an arc measurement of 70°?

4. What is the measure of the arc with an inscribed angle is 18°?

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°?

7. A circumscribed angle intercepts an arc of 72°. What is the measure of the angle?

8. What is the measure of an inscribed angle with an arc measurement of 120°?

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?