angles in a cicle geometry

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(crossword grid)

Across positions:
- 3. T A N G E N T
- 6. R A D I U S
- 7. S U P P L E M E N T A R Y
- 8. C E N T R A L A N G L E
- 10. C H O R D
- 11. T A N G E N T
- 12. C I R C U M F E R E N C E

Down positions:
- 1. INSCRIBED ANGLE
- 2. DIAMETER
- 4. PERPENDICULAR
- 5. BISECTOR
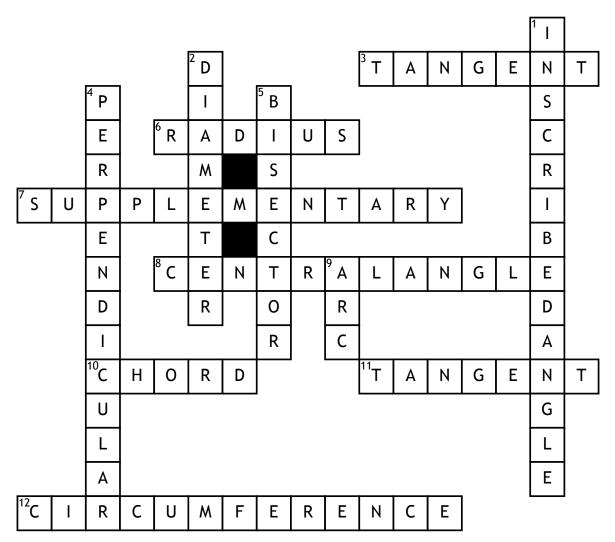- 9. ARC

Across

3. a line that touches a circle at exactly one point

6. line segment from the centre of a circle to any point on the circle

7. if 2 angles add up to 180 they are...

8. an angle formed by 2 radii of a circle

10. a line segment with both endpoints on a circle

11. line that touches circle at one point

12. distance around a circle

Down

1. an angle formed by 2 chords that share a common endpoint

2. distance across a circle that passes through the centre

4. line that crosses at 90 degrees

5. line that passes through the midpoint

9. a portion of the circumference