

Formulas:

Circle Circumference: $C = 2 \cdot \pi \cdot r$

Circle Area: $A = \pi \cdot r^2$

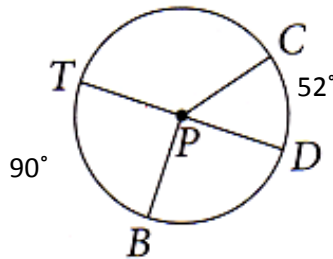
Arc length = $\frac{\angle}{360} \cdot 2 \cdot \pi \cdot r$

Sector area = $\frac{\angle}{360} \cdot \pi \cdot r^2$

1. What is the degree measure of \widehat{TC} ?

ANSWER: _____

Use this circle to answer #1-2



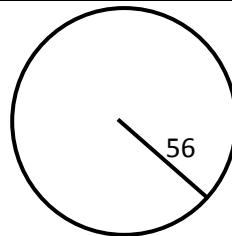
2. What is the degree measure of \widehat{CDT} ?

ANSWER: _____

3. What is the Circumference of this circle?

ANSWER: _____ π

Use this circle to answer #3-4



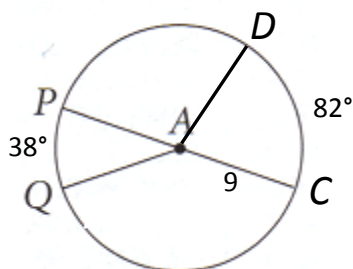
4. What is the Area of this circle?

ANSWER: _____ π

5. What is the arc length of \widehat{PQC} ?

ANSWER: _____ π

Use this circle to answer #5-6



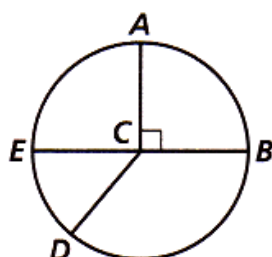
6. What is the arc length of \widehat{PD} ?

ANSWER: _____ π

7. What is the area of sector \widehat{AB} ?

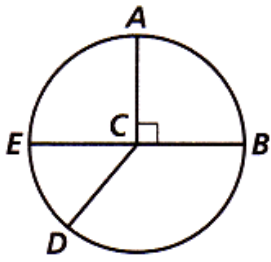
ANSWER: _____ π

Use this circle to answer #7-8



8. What is the area of sector \widehat{BDA} ?

ANSWER: _____ π



Using the picture above:

9. Name a minor arc: _____
10. Name a semi-circle: _____
11. Name a major arc: _____
12. Name a radius: _____
13. Name a Diameter: _____

Use the picture to the right:

14. \widehat{AFE} is an example of a _____.
15. \overline{CB} is an example of a _____.
16. \widehat{AEF} is an example of a _____.
17. \overline{AE} is an example of a _____.
18. \widehat{FA} is an example of a _____.

