NAME:_____

1. Compare the quantity in Column A with the quantity in Column B.
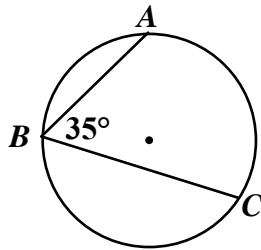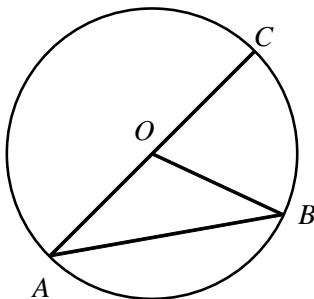


| Column A | Column B |
|---|---|
| $AB$ | $BC$ |

[A] The quantity in Column A is greater.

[B] The quantity in Column B is greater.

[C] The two quantities are equal.

[D] The relationship cannot be determined on the basis of the information supplied.
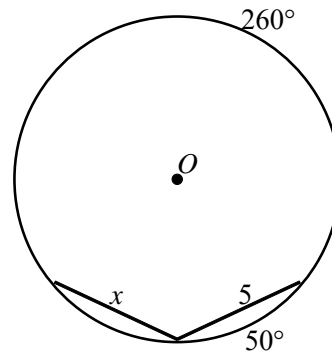
2. If $m\angle RST = 58$, what is $m\angle RQT$?
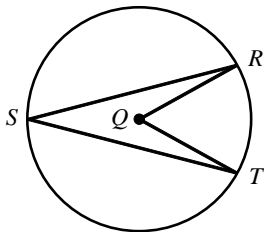


[A] 116    [B] 58    [C] 29    [D] 174

3. Given: In circle $O$, $m\overarc{BAC} = 290$. Find $m\angle B$.
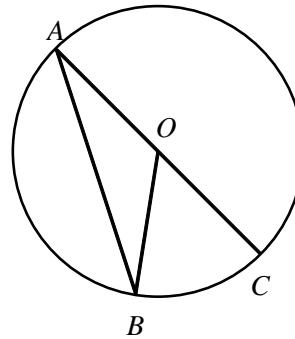


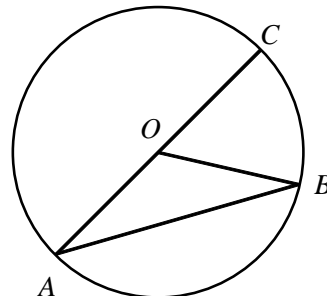[A] 20.5    [B] 41    [C] 35    [D] 17.5

4. Find the value of $x$ to the nearest tenth.



5. Given: $\overline{AC}$ is a diameter of circle $O$ and $m\angle BAC = 27$. Find $m\angle ABO$.



6. Given: In $\odot O$, $m\overarc{BAC} = 302$. Find $m\angle A$.

[1]  D

[2]  A

[3]  C

[4]  5

[5]  27

[6]  29