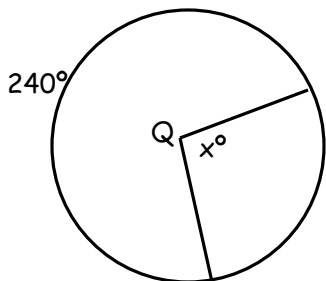


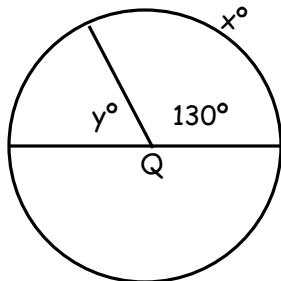
Given Q is the center of each circle. Find the measure of each arc or angle (w, x, y or z).

1)



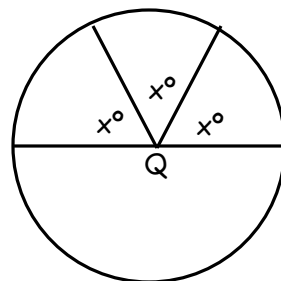
$x = \underline{\hspace{2cm}}$

2)



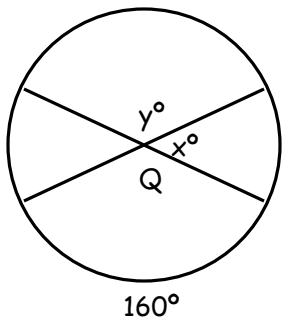
$x = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$

3)



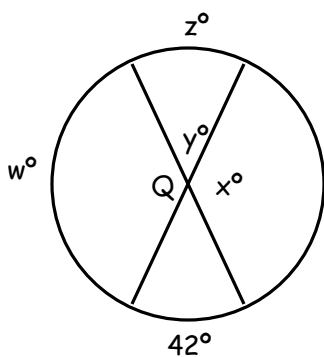
$x = \underline{\hspace{2cm}}$

4)



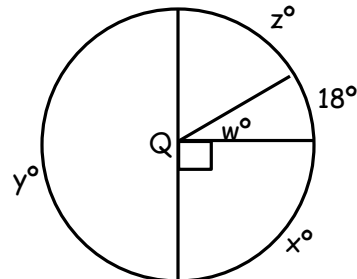
$x = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$

5)

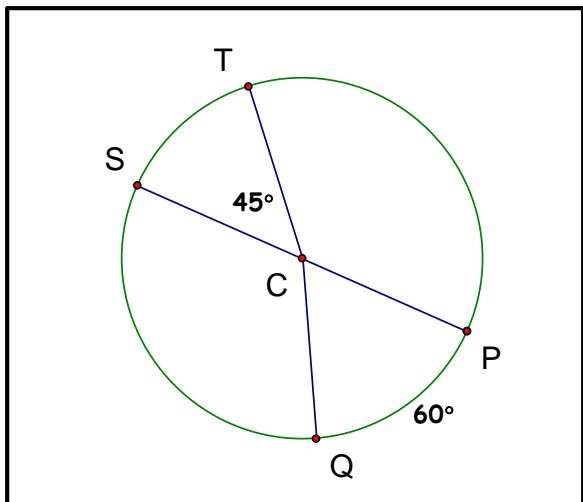


$w = \underline{\hspace{2cm}}$ $x = \underline{\hspace{2cm}}$
 $y = \underline{\hspace{2cm}}$ $z = \underline{\hspace{2cm}}$

6)



$w = \underline{\hspace{2cm}}$ $x = \underline{\hspace{2cm}}$
 $y = \underline{\hspace{2cm}}$ $z = \underline{\hspace{2cm}}$



Given that C is the center of the circle, find the measure of each arc or angle.

7) $m\angle PCQ = \underline{\hspace{2cm}}$ 12) $m\angle SCQ = \underline{\hspace{2cm}}$

8) $m\widehat{SQ} = \underline{\hspace{2cm}}$ 13) $m\widehat{PT} = \underline{\hspace{2cm}}$

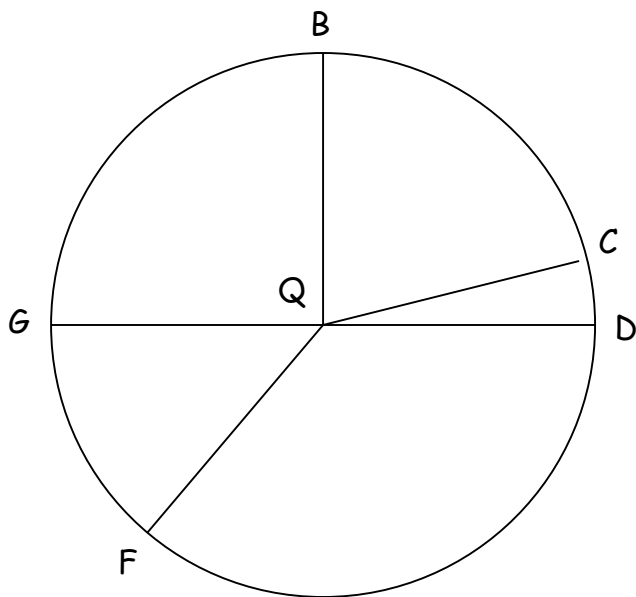
9) $m\widehat{SPQ} = \underline{\hspace{2cm}}$ 14) $m\widehat{TQ} = \underline{\hspace{2cm}}$

10) $m\widehat{SPT} = \underline{\hspace{2cm}}$ 15) $m\widehat{SQP} = \underline{\hspace{2cm}}$

11) $m\widehat{ST} = \underline{\hspace{2cm}}$ 16) $m\angle SCP = \underline{\hspace{2cm}}$

Geometry/Trig

9.3 Homework



Q is the center of the circle.

$$GD \perp BQ$$

$$m\widehat{BC} = 75^\circ$$

$$m\angle FQD = 130^\circ$$

1. $m\angle CQD =$ _____

2. $m\angle CQB =$ _____

3. $m\angle BQG =$ _____

4. $m\angle GQF =$ _____

5. $m\angle FQD =$ _____

6. $m\angle GQD =$ _____

7. $m\angle GQC =$ _____

8. $m\angle BQD =$ _____

9. $m\angle FQB =$ _____

10. $m\angle FQC =$ _____

11. $m\widehat{BC} =$ _____

12. $m\widehat{CD} =$ _____

13. $m\widehat{BF} =$ _____

14. $m\widehat{DF} =$ _____

15. $m\widehat{GBD} =$ _____

16. $m\widehat{FBD} =$ _____

17. $m\widehat{GBF} =$ _____

18. $m\widehat{CBF} =$ _____

19. $m\widehat{GC} =$ _____

20. $m\widehat{BG} =$ _____