Practice 10-3

Arcs and Chords

In $\bigcirc E$, $\widehat{mHQ} = 48$, HI = JK, and JR = 7.5. Find each measure.

1. $m\widehat{HI}$

 $2. \, m\widehat{QI}$

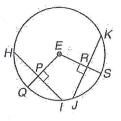
910

3. $m\widehat{JK}$

4. HI

5. PI

6.JK



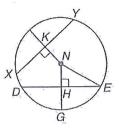
The radius of $\bigcirc N$ is 18, NK = 9, and $\widehat{mDE} = 120$. Find each measure.

7. $m\widehat{GE}$

8. m \(HNE

9. *m∠HEN* 30

10. HN



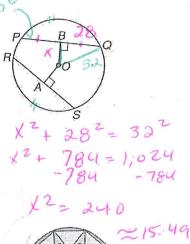
The radius of $\bigcirc O=32, \widehat{PQ}\cong \widehat{RS}$, and PQ=56. Find each measure.

11. PB

14. BQ

12.0B 4VIS ~ 15.5

16. RS



13. MANDALAS The base figure in a mandala design is a nine-pointed star. Find the measure of each arc of the circle circumscribed about Each are measures 400 the star.

