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## 10-2 Practice

## Measuring Angles and Arcs

$\overline{A C}$ and $\overline{D B}$ are diameters of $\odot Q$. Identify each arc as a major arc, minor arc, or semicircle of the circle. Then find its measure.

1. $m \overparen{A E}$ minor arc; 50
2. $m \overparen{E D C}$ minor arc; 130
3. $m \overparen{A B}$ minor arc; 80
4. $m \overparen{A D C}$ semicircle; 180
5. $m \overparen{B C}$ minor arc; 100
6. $m \overparen{A B C}$ semicircle; 180
.
$\overline{\boldsymbol{F H}}$ and $\overline{\boldsymbol{E G}}$ are diameters of $\odot P$. Find each measure.
7. $m \overparen{E F} 38$
8. $m \overparen{D E} 52$
9. $m \overparen{F G} 142$
10. $m \overparen{D H G} 128$
11. $m \overparen{D F G} 232$
12. $m \overparen{D G E} 308$

