

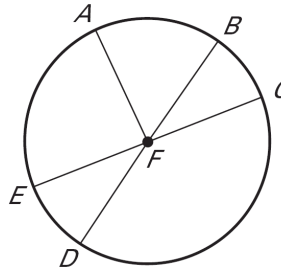
LESSON 10.2

Practice B

For use with pages 659-663

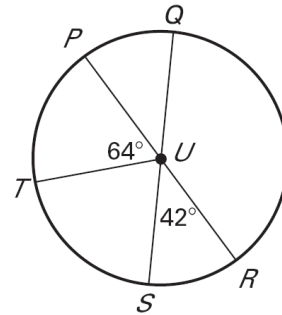
In $\odot F$, determine whether the given arc is a *minor arc*, *major arc*, or *semicircle*.

1. \widehat{AB}
2. \widehat{AE}
3. \widehat{EAC}
4. \widehat{ACD}
5. \widehat{CAD}
6. \widehat{DEB}
7. \widehat{BAE}
8. \widehat{DEC}

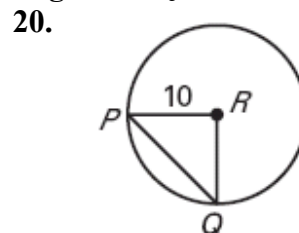
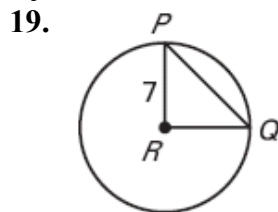


In the figure, \overline{PR} and \overline{QS} are diameters of $\odot U$. Find the measure of the indicated arc.

9. $m\widehat{PQ}$
10. $m\widehat{ST}$
11. $m\widehat{TPS}$
12. $m\widehat{RT}$
13. $m\widehat{RQS}$
14. $m\widehat{QR}$
15. $m\widehat{PQS}$
16. $m\widehat{TQR}$
17. $m\widehat{PS}$
18. $m\widehat{PTR}$

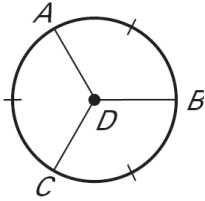


\widehat{PQ} has a measure of 90° in $\odot R$. Find the length of \overline{PQ} .

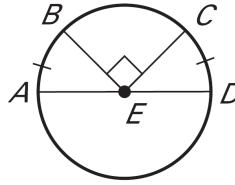


Find the indicated arc measure.

21. $m\widehat{ACB}$



22. $m\widehat{DAB}$



Two diameters of $\odot T$ are \overline{PQ} and \overline{RS} . Find the given arc measure if $m\widehat{PR} = 35^\circ$.

23. $m\widehat{PS}$

24. $m\widehat{PSR}$

25. $m\widehat{PRQ}$

26. $m\widehat{PRS}$

Two diameters of $\odot N$ are \overline{JK} and \overline{LM} . Find the given arc measure if $m\widehat{JM} = 165^\circ$.

27. $m\widehat{JL}$

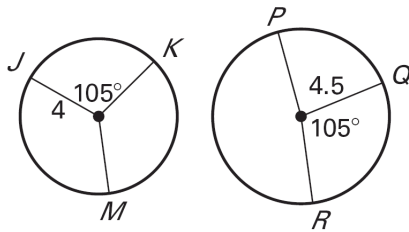
28. $m\widehat{JKM}$

29. $m\widehat{JLM}$

30. $m\widehat{KLM}$

Tell whether the given arcs are congruent.

31. \widehat{JK} and \widehat{QR}



32. \widehat{AB} and \widehat{CD}

