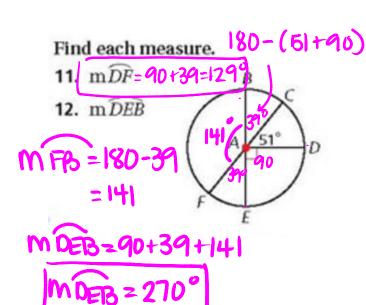
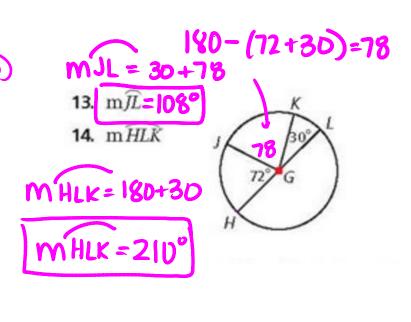
Section 12.2 Homework Page 806: #1-4. 11-14. 16. 18. 25-28. 30. 31. 33. 38



Vocabulary Apply the vocabulary from this lesson to answer each question.

- 1. An arc that joins the endpoints of a diameter is called a _ ? _ . (semicircle or major arc) Semi Circle
- 2. How do you recognize a central angle of a circle? The Vertex 18 the center of O
- 3. In $\bigcirc P \cap \widehat{ABC} = 205^\circ$. Therefore \widehat{ABC} is a __ ? __ . (major arc) or minor arc)
- 4. In a circle, an arc that is less than a semicircle is a __ ? __ . (major arc of minor arc





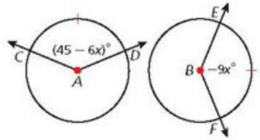
Multi-Step Find each length to the nearest tenth.

X 2 + 48 99

18. EF

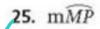
Radius=70

16. $\odot A \cong \odot B$, and $\widehat{CD} \cong \widehat{EF}$. Find m $\angle EBF$.

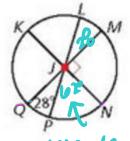


BF m $\angle EBF = -9(-15)$ $3^{2}+b^{2}=c^{2}$ $50^{2}+x^{2}=70^{2}$ $4^{2}+b^{2}=c^{2}$ $4^{2}+b^{2}$

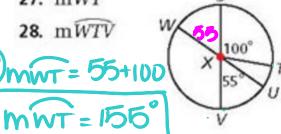
Find each measure.



26. mQNL



28. mWTV



MMP=152°

MWTV = 55+18D

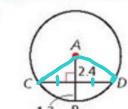
$$29 \text{ m QNL} = 180 + 28$$

 $\boxed{\text{m QNL} = 208}$

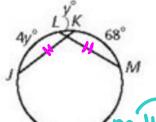
30. $\overline{JK} \cong \overline{LM}$. Find m \widehat{JK} .

Multi-Step Find each length to the nearest tenth.

31. CD



JK = Im



CD = 2(3.32)

co ≈ 6.6

x2=11.05

x 3.32

Determine whether each statement is true or false. If false, explain why.

33. The central angle of a minor arc is an acute angle.

False. A minor arc is always less than 180° so the central & should be Obtuse.

Algebra Find the indicated measure.

