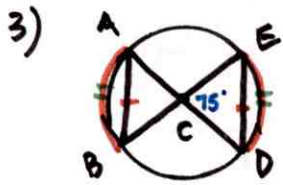
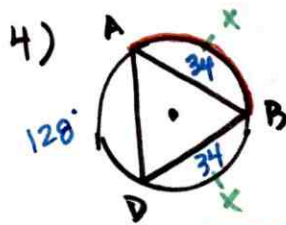


10.3

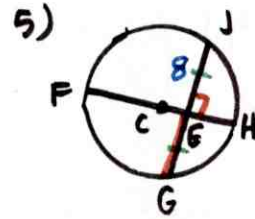


$m\widehat{AB} = 75$
 $m\widehat{ED} = 75$

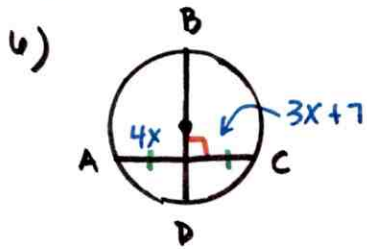


$2x + 128 = 360$
 $2x = 232$
 $x = 116$

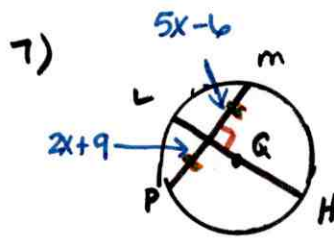
$m\widehat{AB} = 116$



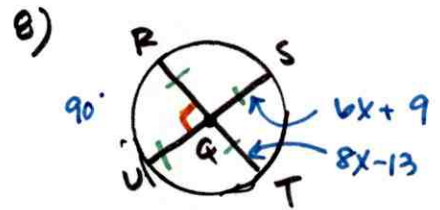
$EG = 8$



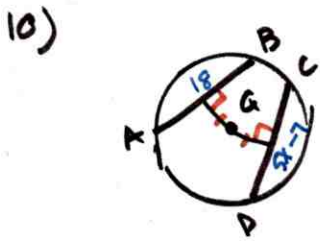
$4x = 3x + 7$
 $x = 7$



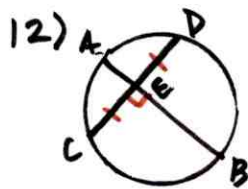
$2x + 9 = 5x - 6$
 $9 = 3x - 6$
 $15 = 3x$
 $x = 5$



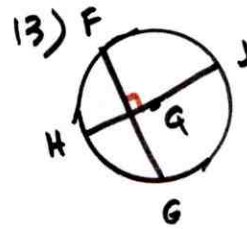
$8x - 13 = 6x + 9$
 $2x = 22$
 $x = 11$



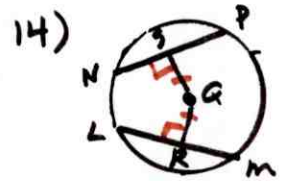
$5x - 7 = 18$
 $5x = 25$
 $x = 5$



\overline{AB} is a diameter
10.4



\overline{FG} is bisected
and $\overline{HF} \cong \overline{HG}$
10.5

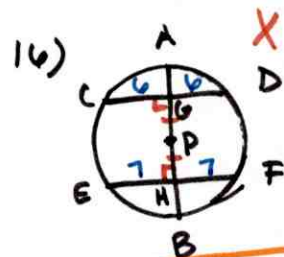


$\overline{NP} \cong \overline{LM}$
10.6

15) which is not necessarily true

A) $\overline{PG} \cong \overline{GN}$ B) $\overline{NL} \cong \overline{LP}$

C) $\widehat{MN} \cong \widehat{MP}$ D) $\overline{PN} \cong \overline{PL}$

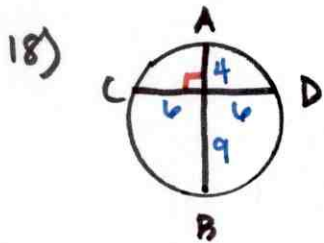


$\overline{CD} \cong \overline{EF}$

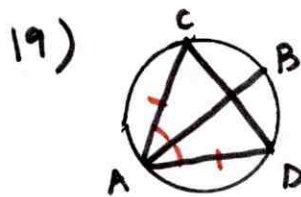


$\widehat{BC} \cong \widehat{CD}$ X
 \overline{AC} must be \perp to \overline{DB}
for \widehat{BC} and \widehat{CD} to be \cong

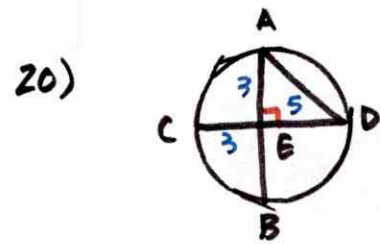
Determine if \overline{AB} is a diameter.



Yes b/c \overline{AB} is
a \perp bisector of \overline{CD}



Yes you can
prove that AB
is a \perp bisector of
 \overline{CD}



No $ED = 4$ $x = 4$
therefore $\overline{CE} \neq \overline{ED}$
 $5^2 = 3^2 + x^2$