Lesson 6.2 Assignment   Name:_____

1) $x =$_____

165°

2) $z =$_____

20°
128°
z

3) $w =$_____

70° w

4) $AB = CD$
    $PO = 8$ cm
    $OQ =$_____

C
O Q
A
P
D
B

5) $\overline{AB}$ is a diameter.
    $m\angle B =$_____
    $m\,\widehat{AC} =$_____

B
C
68° O
A

6) $GIAN$ is a kite.
    $w =$_____
    $x =$_____
    $y =$_____

y
G
I
O
x
115°
A
N
w

7) $AB = 6$ cm, $OP = 4$ cm, $CD = 8$ cm
    $OQ = 3$ cm, $BD = 6$ cm
    Perimeter of $OPBDQ =$_____

A
C
P O
Q
B
D

8) $m\,\widehat{AC} = 130°$
    $w =$_____
    $x =$_____
    $y =$_____
    $z =$_____

w D
A 110°
y O z
x
B 48° C

9) $x =$_____
    $y =$_____
    $z =$_____

72°
F T
z
O x
y
E A

10) $\overline{AB}||\overline{CO}, m\,\widehat{CI} = 66°$

$x =$ _____

$y =$ _____
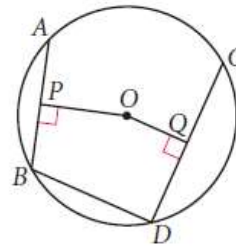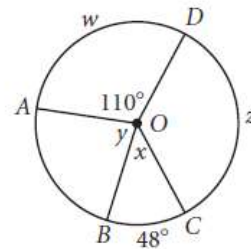
$z =$ _____
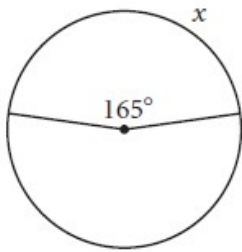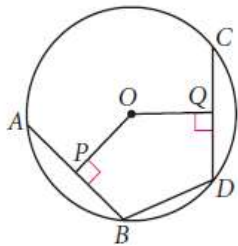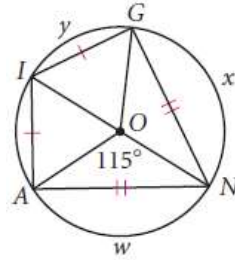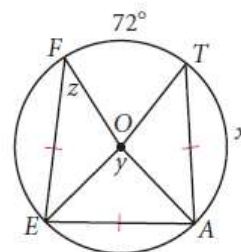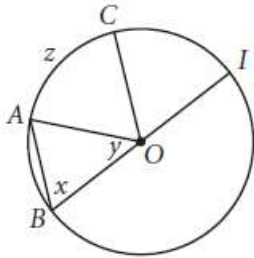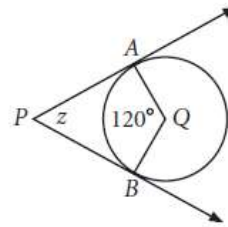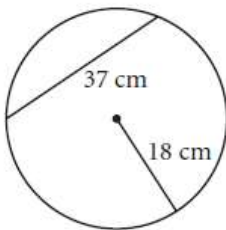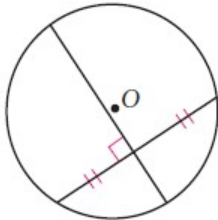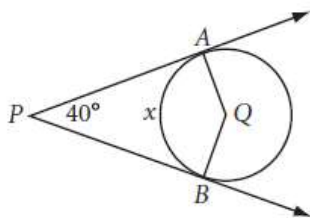
11) What's wrong with this picture?

12) What's wrong with this picture?

13) $x =$ _____

14) $y =$ _____

15) $z =$ _____