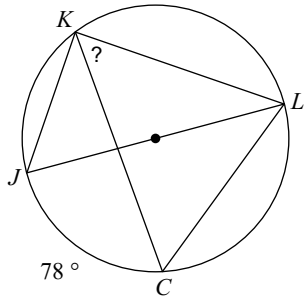


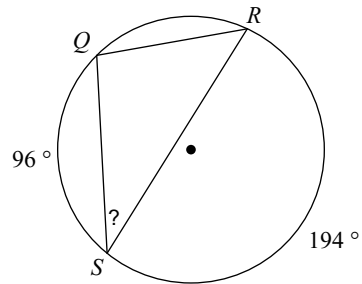
Practice: Circles, Arcs, & Angles

Day 2 Review: Find the measure of the arc or angle indicated.

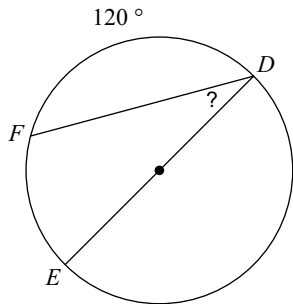
1)



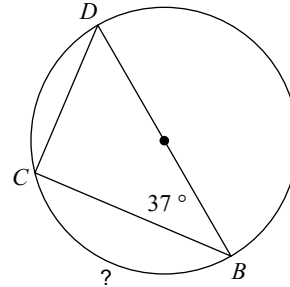
2)



3)

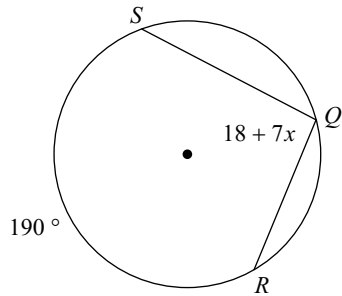


4)

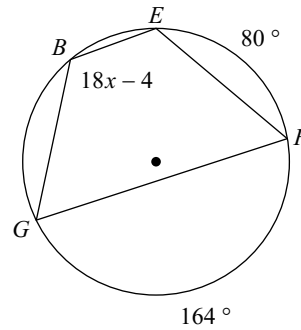


Day 2 Review: Solve for x.

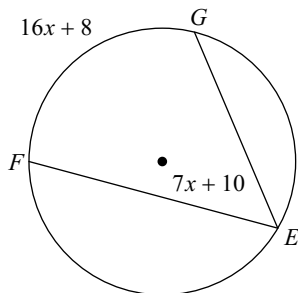
5)



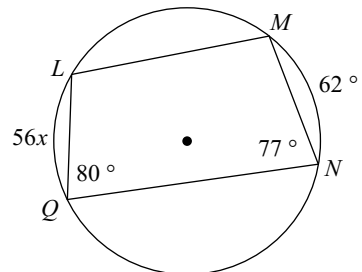
6)



7)

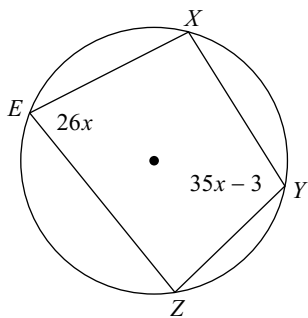


8)

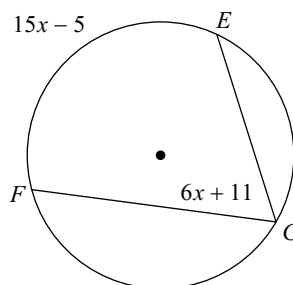


Day 2 Review: Find the measure of the arc or angle indicated.

9) Find $m\widehat{XZ}$



10) Find $m\angle FGE$

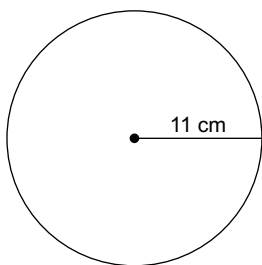


Day 1 Review: Find the area of each if you are given the following information.

11) circumference = 8π cm

Day 1 Review: Find the circumference of each circle.

12)



13) diameter = 18 cm

14) area = 100π mi²

Day 1 Review: Find the diameter of each circle.

15) area = 49π cm²

16) circumference = 20π m

Day 1 Review: Find the area of each.

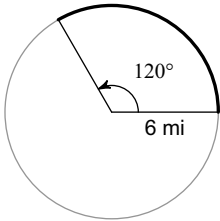
17) circumference = 6π m

Day 1 Review: Find the circumference of each circle.

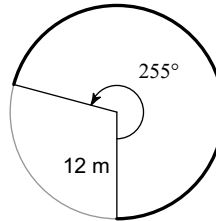
18) area = $36\pi \text{ mi}^2$

Day 1 Review: Find the length of each arc.

19)

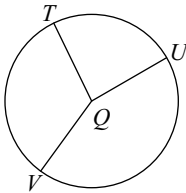


20)



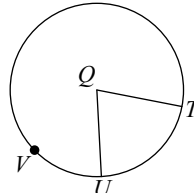
Day 1 Review: Name the arc made by the given angle.

21) $\angle TQU$



- A) \overline{TUV} B) \overline{TU}
 C) \overline{TV} D) \overline{UTV}

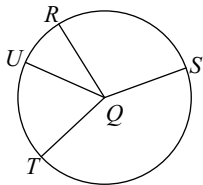
22) Major arc for $\angle TQU$



- A) \overline{TVU} B) \overline{TU}

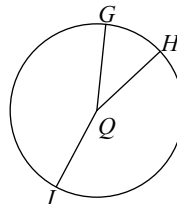
Day 1 Review: Name the central angle of the given arc.

23) \overline{RSU}



- A) $\angle RQU$ B) $\angle SQU$
 C) $\angle RQT$ D) $\angle RQS$

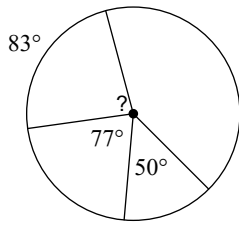
24) \overline{GH}



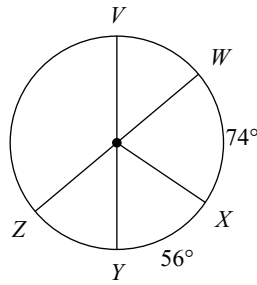
- A) $\angle HQI$ B) $\angle GQH$
 C) $\angle GQI$

Day 1 Review: Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

25)

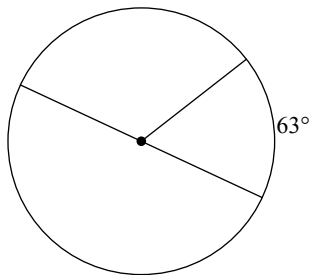


26) $m\widehat{ZWY}$



Day 1 Review: Solve for x . Assume that lines which appear to be diameters are actual diameters.

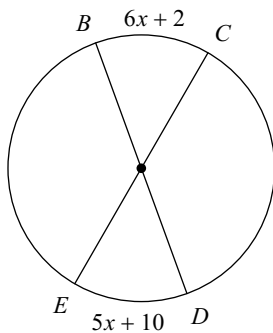
27)



$19x - 10$

Day 1 Review: Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

28) $m\widehat{BC}$



Answers to Practice: Circles, Arcs, & Angles

- | | | | |
|------------------------|------------------------|--------------------------|------------------------|
| 1) 51° | 2) 35° | 3) 30° | 4) 106° |
| 5) 11 | 6) 7 | 7) 6 | 8) 1 |
| 9) 156° | 10) 65° | 11) $16\pi \text{ cm}^2$ | 12) $22\pi \text{ cm}$ |
| 13) $18\pi \text{ cm}$ | 14) $20\pi \text{ mi}$ | 15) 14 cm | 16) 20 m |
| 17) $9\pi \text{ m}^2$ | 18) $12\pi \text{ mi}$ | 19) $4\pi \text{ mi}$ | 20) $17\pi \text{ m}$ |
| 21) B | 22) A | 23) A | 24) B |
| 25) 83° | 26) 310° | 27) 10 | 28) 50° |