

9.3 Multiple Choice (and 9.2 Rev).

Real-World Example 1

Guided Practice

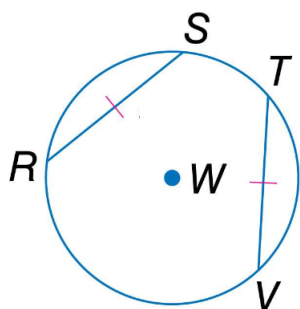
$\odot W$ has congruent chords \overline{RS} and \overline{TV} . If $m\widehat{RS} = 85$, find $m\widehat{TV}$.

A. 42.5

B. 85

C. 127.5

D. 170



9.3 Mult Choice Geo BLANK

Example 2

Guided Practice

ALGEBRA In the figure, $\odot G \cong \odot H$ and $\widehat{RT} \cong \widehat{LM}$.

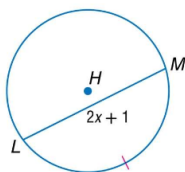
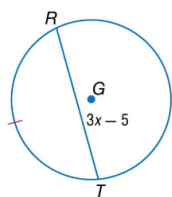
Find LM .

A. 6

B. 8

C. 9

D. 13



Example 3

Guided Practice

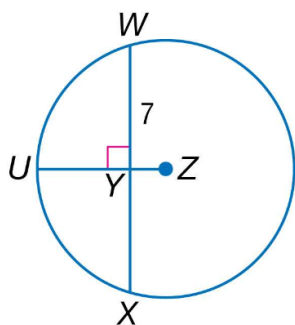
In $\odot Z$, $m\widehat{WUX} = 160$. Find $m\widehat{UX}$.

A. 14

B. 80

C. 160

D. 180



9.3 Mult Choice Geo BLANK

Real-World Example 4

Guided Practice

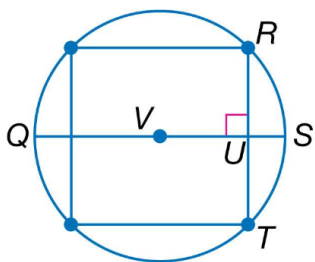
In the circle below, diameter \overline{QS} is 14 inches long and chord \overline{RT} is 10 inches long. Find VU .

A. 3.87

B. 4.25

C. 4.90

D. 5.32



Example 5

Guided Practice

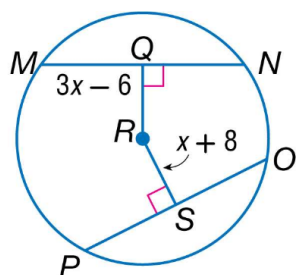
ALGEBRA In $\odot R$, $MN = PO = 29$. Find RS .

A. 7

B. 10

C. 13

D. 15



9.3 Mult Choice Geo BLANK

5-Minute Check

Over Lesson 9-2

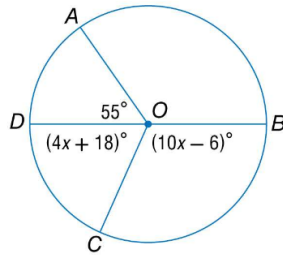
- 1 In $\odot O$, \overline{BD} is a diameter and $m\angle AOD = 55$.
Find $m\angle COB$.

A. 105

B. 114

C. 118

D. 124



5-Minute Check

Over Lesson 9-2

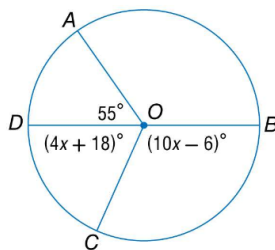
- 2 In $\odot O$, \overline{BD} is a diameter and $m\angle AOD = 55$.
Find $m\angle DOC$.

A. 35

B. 55

C. 66

D. 72

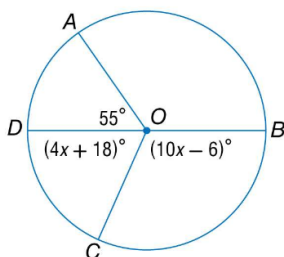


9.3 Mult Choice Geo BLANK

5-Minute Check

Over Lesson 9-2

- 3 In $\odot O$, \overline{BD} is a diameter and $m\angle AOD = 55$.
Find $m\angle AOB$.

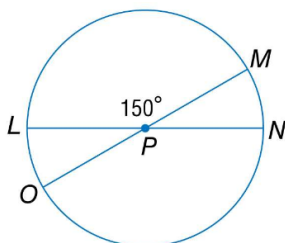


- A. 125
- B. 130
- C. 135
- D. 140

5-Minute Check

Over Lesson 9-2

- 4 Refer to $\odot P$. Find $m\widehat{LM}$.



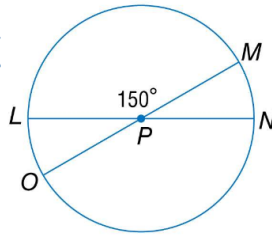
- A. 160
- B. 150
- C. 140
- D. 130

9.3 Mult Choice Geo BLANK

5-Minute Check

Over Lesson 9-2

5 Refer to $\odot P$. Find $m\widehat{MOL}$



- A. 180
- B. 190
- C. 200
- D. 210

5-Minute Check

Over Lesson 9-2

6 Dianne runs around a circular track that has a radius of 55 feet. After running three quarters of the distance around the track, how far has she run?

- A. 129.6 ft
- B. 165 ft
- C. 259.2 ft
- D. 345.6 ft

9.3 Mult Choice Geo BLANK

TOC

9.3 Arcs and Chords

EVEN
PAGE

EQ: Can you recognize and use relationships between arcs, chords, and diameters?

Write 3 Questions for this section on the left page

1. How are you doing?

Write answer next to the Summary

- 1: I don't understand the material.
- 2: I understand a little.
- 3: I understand this material.
- 4: I could teach this to someone.

Summary: At least 3 sentences...

Write this now.