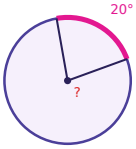
Circle Arcs & Inscribed Angles · 1

A central angle intercepts an arc of 20°.

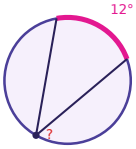
Find the measure of the central angle.



Circle Arcs & Inscribed Angles · 2

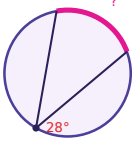
An inscribed angle intercepts an arc of 12°.

Find the measure of the inscribed angle.



Circle Arcs & Inscribed Angles · 3

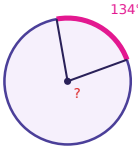
An inscribed angle measures 28°. Find the measure of its intercepted arc.



Circle Arcs & Inscribed Angles · 4

A central angle intercepts an arc of 134°.

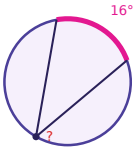
Find the measure of the central angle.



Circle Arcs & Inscribed Angles · 5

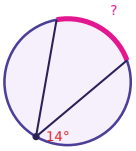
An inscribed angle intercepts an arc of 16°.

Find the measure of the inscribed angle.



Circle Arcs & Inscribed Angles · 6

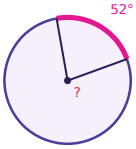
An inscribed angle measures 14°. Find the measure of its intercepted arc.



Circle Arcs & Inscribed Angles · 7

A central angle intercepts an arc of 52°.

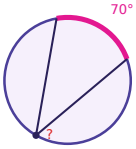
Find the measure of the central angle.



Circle Arcs & Inscribed Angles · 8

An inscribed angle intercepts an arc of 70°.

Find the measure of the inscribed angle.



Circle Arcs & Inscribed Angles · 2

ANSWER

6°

Circle Arcs & Inscribed Angles · 1

ANSWER

20°

Circle Arcs & Inscribed Angles · 4

ANSWER

134°

Circle Arcs & Inscribed Angles · 3

ANSWER

56°

Circle Arcs & Inscribed Angles · 6

ANSWER

28°

Circle Arcs & Inscribed Angles · 5

ANSWER

8°

Circle Arcs & Inscribed Angles · 8

ANSWER

35°

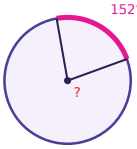
Circle Arcs & Inscribed Angles · 7

ANSWER

52°

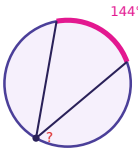
Circle Arcs & Inscribed Angles · 9

A central angle intercepts an arc of 152°. Find the measure of the central angle.



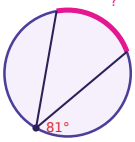
Circle Arcs & Inscribed Angles · 10

An inscribed angle intercepts an arc of 144°. Find the measure of the inscribed angle.



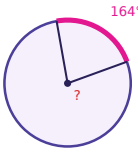
Circle Arcs & Inscribed Angles · 11

An inscribed angle measures 81°. Find the measure of its intercepted arc.



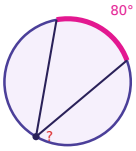
Circle Arcs & Inscribed Angles · 12

A central angle intercepts an arc of 164°. Find the measure of the central angle.



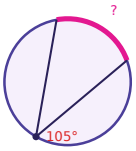
Circle Arcs & Inscribed Angles · 13

An inscribed angle intercepts an arc of 80°. Find the measure of the inscribed angle.



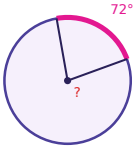
Circle Arcs & Inscribed Angles · 14

An inscribed angle measures 105°. Find the measure of its intercepted arc.



Circle Arcs & Inscribed Angles · 15

A central angle intercepts an arc of 72°. Find the measure of the central angle.



Circle Arcs & Inscribed Angles · 16

A central angle intercepts an arc of 188°. Find the measure of the central angle.



Circle Arcs & Inscribed Angles · 10

ANSWER

72°

Circle Arcs & Inscribed Angles · 9

ANSWER

152°

Circle Arcs & Inscribed Angles · 12

ANSWER

164°

Circle Arcs & Inscribed Angles · 11

ANSWER

162°

Circle Arcs & Inscribed Angles · 14

ANSWER

210°

Circle Arcs & Inscribed Angles · 13

ANSWER

40°

Circle Arcs & Inscribed Angles · 16

ANSWER

188°

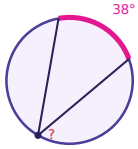
Circle Arcs & Inscribed Angles · 15

ANSWER

72°

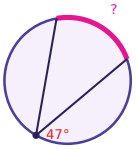
Circle Arcs & Inscribed Angles · 17

An inscribed angle intercepts an arc of 38°. Find the measure of the inscribed angle.



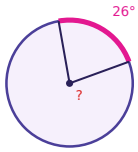
Circle Arcs & Inscribed Angles · 18

An inscribed angle measures 47°. Find the measure of its intercepted arc.



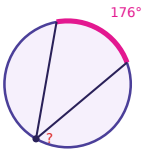
Circle Arcs & Inscribed Angles · 19

A central angle intercepts an arc of 26°. Find the measure of the central angle.



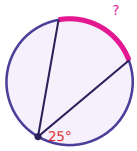
Circle Arcs & Inscribed Angles · 20

An inscribed angle intercepts an arc of 176°. Find the measure of the inscribed angle.



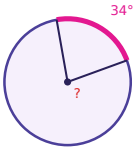
Circle Arcs & Inscribed Angles · 21

An inscribed angle measures 25°. Find the measure of its intercepted arc.



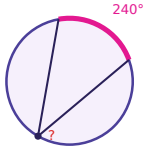
Circle Arcs & Inscribed Angles · 22

A central angle intercepts an arc of 34°. Find the measure of the central angle.



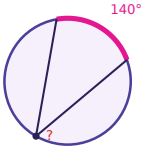
Circle Arcs & Inscribed Angles · 23

An inscribed angle intercepts an arc of 240°. Find the measure of the inscribed angle.



Circle Arcs & Inscribed Angles · 24

An inscribed angle intercepts an arc of 140°. Find the measure of the inscribed angle.



Circle Arcs & Inscribed Angles · 18

ANSWER

94°

Circle Arcs & Inscribed Angles · 17

ANSWER

19°

Circle Arcs & Inscribed Angles · 20

ANSWER

88°

Circle Arcs & Inscribed Angles · 19

ANSWER

26°

Circle Arcs & Inscribed Angles · 22

ANSWER

34°

Circle Arcs & Inscribed Angles · 21

ANSWER

50°

Circle Arcs & Inscribed Angles · 24

ANSWER

70°

Circle Arcs & Inscribed Angles · 23

ANSWER

120°