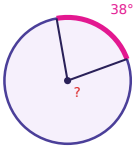
Circle Arcs & Inscribed Angles · 1

A central angle intercepts an arc of 38°.

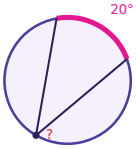
Find the measure of the central angle.



Circle Arcs & Inscribed Angles · 2

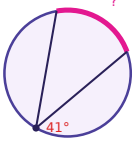
An inscribed angle intercepts an arc of 20°.

Find the measure of the inscribed angle.



Circle Arcs & Inscribed Angles · 3

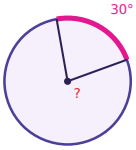
An inscribed angle measures 41°. Find the measure of its intercepted arc.



Circle Arcs & Inscribed Angles · 4

A central angle intercepts an arc of 30°.

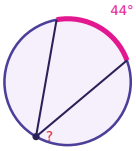
Find the measure of the central angle.



Circle Arcs & Inscribed Angles · 5

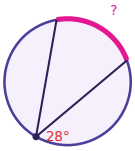
An inscribed angle intercepts an arc of 44°.

Find the measure of the inscribed angle.



Circle Arcs & Inscribed Angles · 6

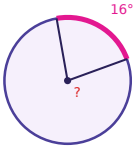
An inscribed angle measures 28°. Find the measure of its intercepted arc.



Circle Arcs & Inscribed Angles · 7

A central angle intercepts an arc of 16°.

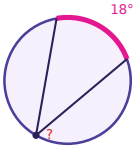
Find the measure of the central angle.



Circle Arcs & Inscribed Angles · 8

An inscribed angle intercepts an arc of 18°.

Find the measure of the inscribed angle.



Circle Arcs & Inscribed Angles · 2

ANSWER

10°

Circle Arcs & Inscribed Angles · 1

ANSWER

38°

Circle Arcs & Inscribed Angles · 4

ANSWER

30°

Circle Arcs & Inscribed Angles · 3

ANSWER

82°

Circle Arcs & Inscribed Angles · 6

ANSWER

56°

Circle Arcs & Inscribed Angles · 5

ANSWER

22°

Circle Arcs & Inscribed Angles · 8

ANSWER

9°

Circle Arcs & Inscribed Angles · 7

ANSWER

16°

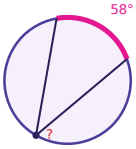
Circle Arcs & Inscribed Angles · 9

A central angle intercepts an arc of 118°. Find the measure of the central angle.



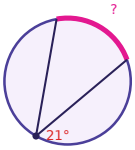
Circle Arcs & Inscribed Angles · 10

An inscribed angle intercepts an arc of 58°. Find the measure of the inscribed angle.



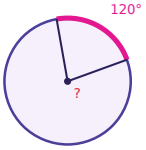
Circle Arcs & Inscribed Angles · 11

An inscribed angle measures 21°. Find the measure of its intercepted arc.



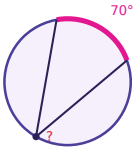
Circle Arcs & Inscribed Angles · 12

A central angle intercepts an arc of 120°. Find the measure of the central angle.



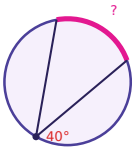
Circle Arcs & Inscribed Angles · 13

An inscribed angle intercepts an arc of 70°. Find the measure of the inscribed angle.



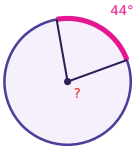
Circle Arcs & Inscribed Angles · 14

An inscribed angle measures 40°. Find the measure of its intercepted arc.



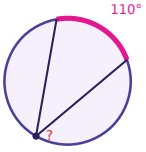
Circle Arcs & Inscribed Angles · 15

A central angle intercepts an arc of 44°. Find the measure of the central angle.



Circle Arcs & Inscribed Angles · 16

An inscribed angle intercepts an arc of 110°. Find the measure of the inscribed angle.



Circle Arcs & Inscribed Angles · 10

ANSWER

29°

Circle Arcs & Inscribed Angles · 9

ANSWER

118°

Circle Arcs & Inscribed Angles · 12

ANSWER

120°

Circle Arcs & Inscribed Angles · 11

ANSWER

42°

Circle Arcs & Inscribed Angles · 14

ANSWER

80°

Circle Arcs & Inscribed Angles · 13

ANSWER

35°

Circle Arcs & Inscribed Angles · 16

ANSWER

55°

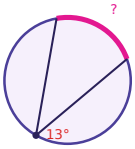
Circle Arcs & Inscribed Angles · 15

ANSWER

44°

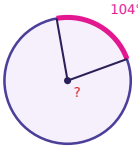
Circle Arcs & Inscribed Angles · 17

An inscribed angle measures 13°. Find the measure of its intercepted arc.



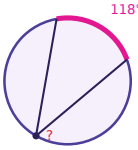
Circle Arcs & Inscribed Angles · 18

A central angle intercepts an arc of 104°. Find the measure of the central angle.



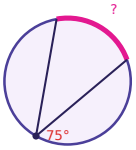
Circle Arcs & Inscribed Angles · 19

An inscribed angle intercepts an arc of 118°. Find the measure of the inscribed angle.



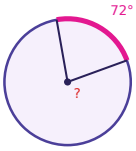
Circle Arcs & Inscribed Angles · 20

An inscribed angle measures 75°. Find the measure of its intercepted arc.



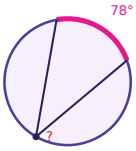
Circle Arcs & Inscribed Angles · 21

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



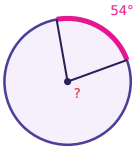
Circle Arcs & Inscribed Angles · 22

An inscribed angle intercepts an arc of 78°. Find the measure of the inscribed angle.



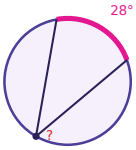
Circle Arcs & Inscribed Angles · 23

A central angle intercepts an arc of 54°. Find the measure of the central angle.



Circle Arcs & Inscribed Angles · 24

An inscribed angle intercepts an arc of 28°. Find the measure of the inscribed angle.



Circle Arcs & Inscribed Angles · 18

ANSWER

104°

Circle Arcs & Inscribed Angles · 17

ANSWER

26°

Circle Arcs & Inscribed Angles · 20

ANSWER

150°

Circle Arcs & Inscribed Angles · 19

ANSWER

59°

Circle Arcs & Inscribed Angles · 22

ANSWER

39°

Circle Arcs & Inscribed Angles · 21

ANSWER

72°

Circle Arcs & Inscribed Angles · 24

ANSWER

14°

Circle Arcs & Inscribed Angles · 23

ANSWER

54°