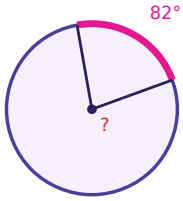
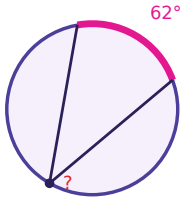
Task card 1 Circle Arcs & Inscribed Angles

A central angle intercepts an arc of 82°. Find the measure of the central angle.



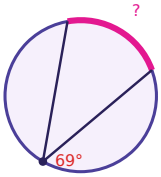
Task card 2 Circle Arcs & Inscribed Angles

An inscribed angle intercepts an arc of 62°. Find the measure of the inscribed angle.



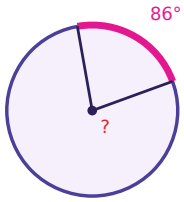
Task card 3 Circle Arcs & Inscribed Angles

An inscribed angle measures 69°. Find the measure of its intercepted arc.



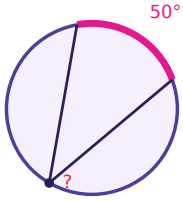
Task card 4 Circle Arcs & Inscribed Angles

A central angle intercepts an arc of 86°. Find the measure of the central angle.



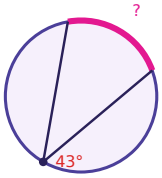
Task card 5 Circle Arcs & Inscribed Angles

An inscribed angle intercepts an arc of 50°. Find the measure of the inscribed angle.



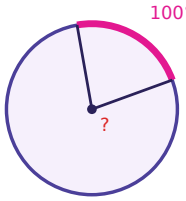
Task card 6 Circle Arcs & Inscribed Angles

An inscribed angle measures 43°. Find the measure of its intercepted arc.



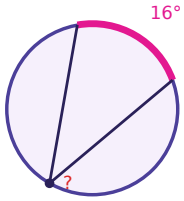
Task card 7 Circle Arcs & Inscribed Angles

A central angle intercepts an arc of 100°. Find the measure of the central angle.



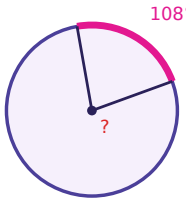
Task card 8 Circle Arcs & Inscribed Angles

An inscribed angle intercepts an arc of 16°. Find the measure of the inscribed angle.



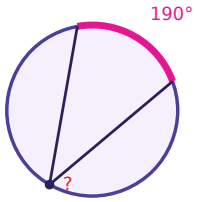
Task card 9 Circle Arcs & Inscribed Angles

A central angle intercepts an arc of 108°. Find the measure of the central angle.



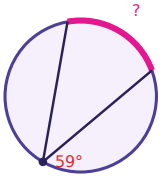
Task card 10 Circle Arcs & Inscribed Angles

An inscribed angle intercepts an arc of 190°. Find the measure of the inscribed angle.



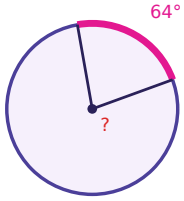
Task card 11 Circle Arcs & Inscribed Angles

An inscribed angle measures 59°. Find the measure of its intercepted arc.



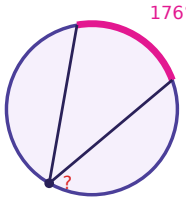
Task card 12 Circle Arcs & Inscribed Angles

A central angle intercepts an arc of 64°. Find the measure of the central angle.



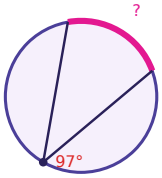
Task card 13 Circle Arcs & Inscribed Angles

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



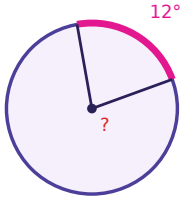
Task card 14 Circle Arcs & Inscribed Angles

An inscribed angle measures 97°. Find the measure of its intercepted arc.



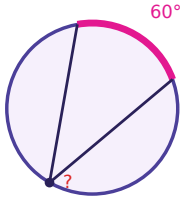
Task card 15 Circle Arcs & Inscribed Angles

A central angle intercepts an arc of 12°. Find the measure of the central angle.



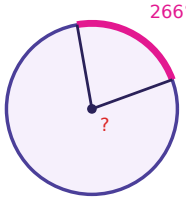
Task card 16 Circle Arcs & Inscribed Angles

An inscribed angle intercepts an arc of 60°. Find the measure of the inscribed angle.



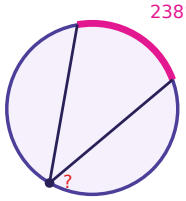
Task card 17 Circle Arcs & Inscribed Angles

A central angle intercepts an arc of 266°. Find the measure of the central angle.



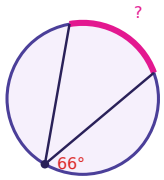
Task card 18 Circle Arcs & Inscribed Angles

An inscribed angle intercepts an arc of 238°. Find the measure of the inscribed angle.



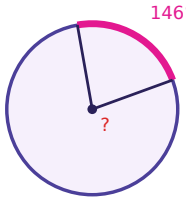
Task card 19 Circle Arcs & Inscribed Angles

An inscribed angle measures 66°. Find the measure of its intercepted arc.



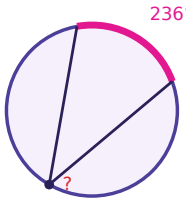
Task card 20 Circle Arcs & Inscribed Angles

A central angle intercepts an arc of 146°. Find the measure of the central angle.



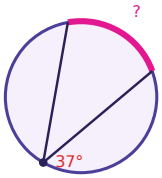
Task card 21 Circle Arcs & Inscribed Angles

An inscribed angle intercepts an arc of 236°. Find the measure of the inscribed angle.



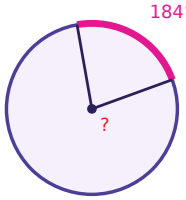
Task card 22 Circle Arcs & Inscribed Angles

An inscribed angle measures 37°. Find the measure of its intercepted arc.



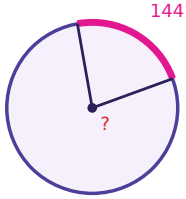
Task card 23 Circle Arcs & Inscribed Angles

A central angle intercepts an arc of 184°. Find the measure of the central angle.



Task card 24 Circle Arcs & Inscribed Angles

A central angle intercepts an arc of 144°. Find the measure of the central angle.



Circle Arcs & Inscribed Angles Task Cards

Recording sheet · Grade 10 · Solve each problem.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Circle Arcs & Inscribed Angles Task Cards: Answer Key

Grade 10 · Hard

The answers online

1. 82°	**2.** 31°	**3.** 138°
4. 86°	**5.** 25°	**6.** 86°
7. 100°	**8.** 8°	**9.** 108°
10. 95°	**11.** 118°	**12.** 64°
13. 88°	**14.** 194°	**15.** 12°
16. 30°	**17.** 266°	**18.** 119°
19. 132°	**20.** 146°	**21.** 118°
22. 74°	**23.** 184°	**24.** 144°