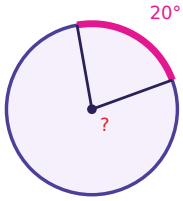
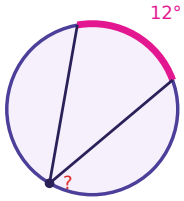
Task card 1 Circle Arcs & Inscribed Angles

A central angle intercepts an arc of 20°. Find the measure of the central angle.



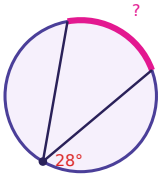
Task card 2 Circle Arcs & Inscribed Angles

An inscribed angle intercepts an arc of 12°. Find the measure of the inscribed angle.



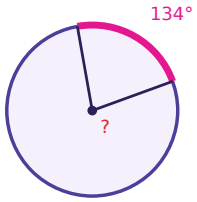
Task card 3 Circle Arcs & Inscribed Angles

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



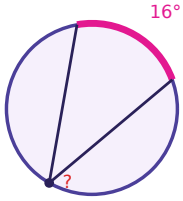
Task card 4 Circle Arcs & Inscribed Angles

A central angle intercepts an arc of 134°. Find the measure of the central angle.



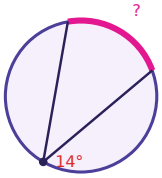
Task card 5 Circle Arcs & Inscribed Angles

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



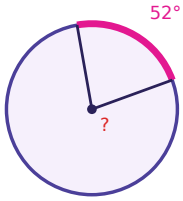
Task card 6 Circle Arcs & Inscribed Angles

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



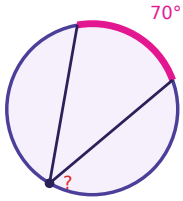
Task card 7 Circle Arcs & Inscribed Angles

A central angle intercepts an arc of 52°. Find the measure of the central angle.



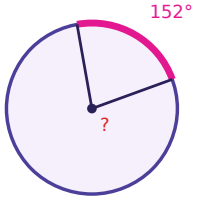
Task card 8 Circle Arcs & Inscribed Angles

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



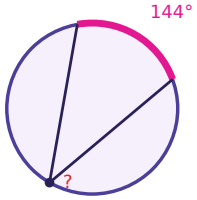
Task card 9 Circle Arcs & Inscribed Angles

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



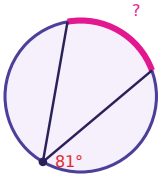
Task card 10 Circle Arcs & Inscribed Angles

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



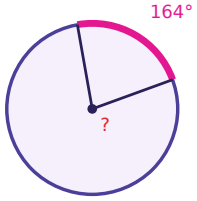
Task card 11 Circle Arcs & Inscribed Angles

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



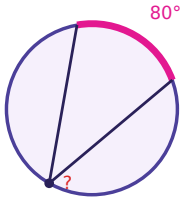
Task card 12 Circle Arcs & Inscribed Angles

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



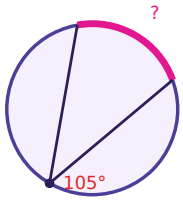
Task card 13 Circle Arcs & Inscribed Angles

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



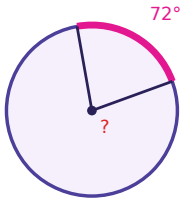
Task card 14 Circle Arcs & Inscribed Angles

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



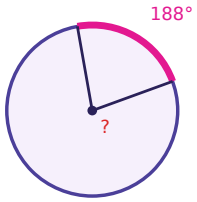
Task card 15 Circle Arcs & Inscribed Angles

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



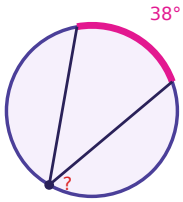
Task card 16 Circle Arcs & Inscribed Angles

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



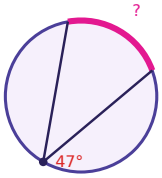
Task card 17 Circle Arcs & Inscribed Angles

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



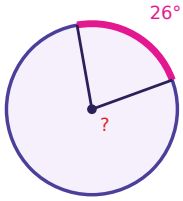
Task card 18 Circle Arcs & Inscribed Angles

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



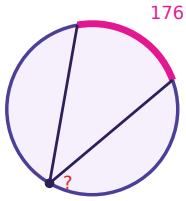
Task card 19 Circle Arcs & Inscribed Angles

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



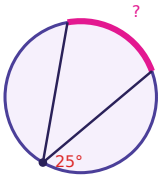
Task card 20 Circle Arcs & Inscribed Angles

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



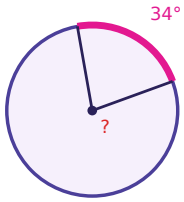
Task card 21 Circle Arcs & Inscribed Angles

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



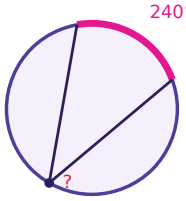
Task card 22 Circle Arcs & Inscribed Angles

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



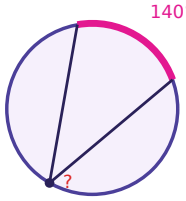
Task card 23 Circle Arcs & Inscribed Angles

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



Task card 24 Circle Arcs & Inscribed Angles

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

The answers online

1. 20°	**2.** 6°	**3.** 56°
4. 134°	**5.** 8°	**6.** 28°
7. 52°	**8.** 35°	**9.** 152°
10. 72°	**11.** 162°	**12.** 164°
13. 40°	**14.** 210°	**15.** 72°
16. 188°	**17.** 19°	**18.** 94°
19. 26°	**20.** 88°	**21.** 50°
22. 34°	**23.** 120°	**24.** 70°