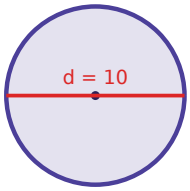
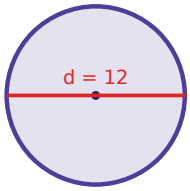
Task card 1 Circles: Diameter & Advanced Probl...

A circle has a diameter of 10. Find its circumference. Use π ≈ 3.14.



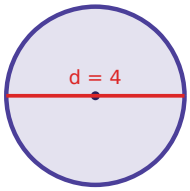
Task card 2 Circles: Diameter & Advanced Probl...

A circle has a diameter of 12. Find its area. Use π ≈ 3.14.



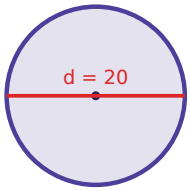
Task card 3 Circles: Diameter & Advanced Probl...

A circle has a diameter of 4. Find its circumference. Use π ≈ 3.14.



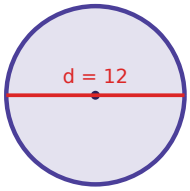
Task card 4 Circles: Diameter & Advanced Probl...

A circle has a diameter of 20. Find its area. Use π ≈ 3.14.



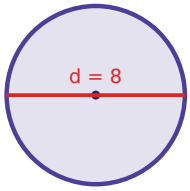
Task card 5 Circles: Diameter & Advanced Probl...

A circle has a diameter of 12. Find its circumference. Use π ≈ 3.14.



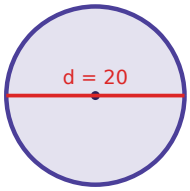
Task card 6 Circles: Diameter & Advanced Probl...

A circle has a diameter of 8. Find its circumference. Use π ≈ 3.14.



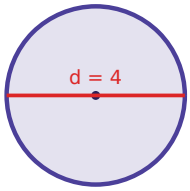
Task card 7 Circles: Diameter & Advanced Probl...

A circle has a diameter of 20. Find its circumference. Use π ≈ 3.14.



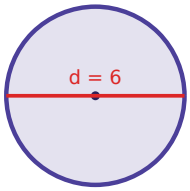
Task card 8 Circles: Diameter & Advanced Probl...

A circle has a diameter of 4. Find its area. Use π ≈ 3.14.



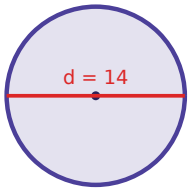
Task card 9 Circles: Diameter & Advanced Probl...

A circle has a diameter of 6. Find its circumference. Use π ≈ 3.14.



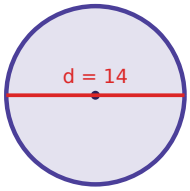
Task card 10 Circles: Diameter & Advanced Probl...

A circle has a diameter of 14. Find its area. Use π ≈ 3.14.



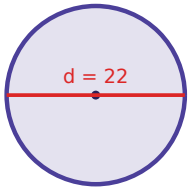
Task card 11 Circles: Diameter & Advanced Probl...

A circle has a diameter of 14. Find its circumference. Use π ≈ 3.14.



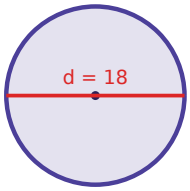
Task card 12 Circles: Diameter & Advanced Probl...

A circle has a diameter of 22. Find its area. Use π ≈ 3.14.



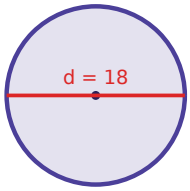
Task card 13 Circles: Diameter & Advanced Probl...

A circle has a diameter of 18. Find its circumference. Use π ≈ 3.14.



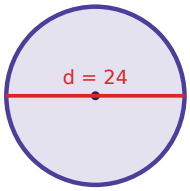
Task card 14 Circles: Diameter & Advanced Probl...

A circle has a diameter of 18. Find its area. Use π ≈ 3.14.



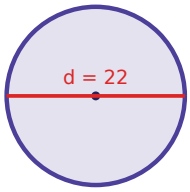
Task card 15 Circles: Diameter & Advanced Probl...

A circle has a diameter of 24. Find its area. Use π ≈ 3.14.



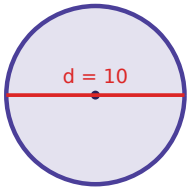
Task card 16 Circles: Diameter & Advanced Probl...

A circle has a diameter of 22. Find its circumference. Use π ≈ 3.14.



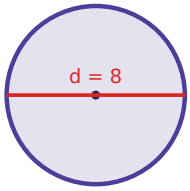
Task card 17 Circles: Diameter & Advanced Probl...

A circle has a diameter of 10. Find its area. Use π ≈ 3.14.



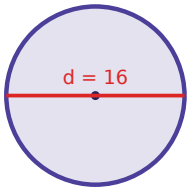
Task card 18 Circles: Diameter & Advanced Probl...

A circle has a diameter of 8. Find its area. Use π ≈ 3.14.



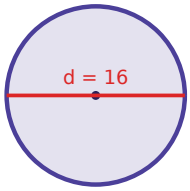
Task card 19 Circles: Diameter & Advanced Probl...

A circle has a diameter of 16. Find its circumference. Use π ≈ 3.14.



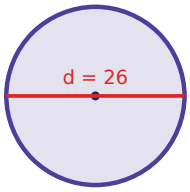
Task card 20 Circles: Diameter & Advanced Probl...

A circle has a diameter of 16. Find its area. Use π ≈ 3.14.



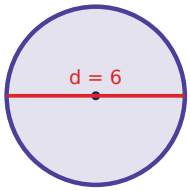
Task card 21 Circles: Diameter & Advanced Probl...

A circle has a diameter of 26. Find its circumference. Use π ≈ 3.14.



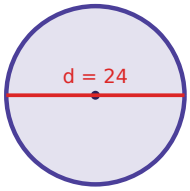
Task card 22 Circles: Diameter & Advanced Probl...

A circle has a diameter of 6. Find its area. Use π ≈ 3.14.



Task card 23 Circles: Diameter & Advanced Probl...

A circle has a diameter of 24. Find its circumference. Use π ≈ 3.14.



Circles: Diameter & Advanced Problems Task Cards

Recording sheet · Grade 10 · Use π ≈ 3.14. Round to one decimal place if needed.

Scan to check your answers

Name: _____ Date: _____

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

Circles: Diameter & Advanced Problems Task Cards: Answer Key

Grade 10 · Medium

The answers online

1. 31.4	**2.** 113.0	**3.** 12.6
4. 314.0	**5.** 37.7	**6.** 25.1
7. 62.8	**8.** 12.6	**9.** 18.8
10. 153.9	**11.** 44.0	**12.** 379.9
13. 56.5	**14.** 254.3	**15.** 452.2
16. 69.1	**17.** 78.5	**18.** 50.2
19. 50.2	**20.** 201.0	**21.** 81.6
22. 28.3	**23.** 75.4	