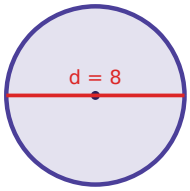
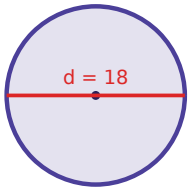
Task card 1 Circles: Diameter & Advanced Probl...

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



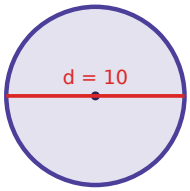
Task card 2 Circles: Diameter & Advanced Probl...

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



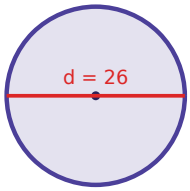
Task card 3 Circles: Diameter & Advanced Probl...

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



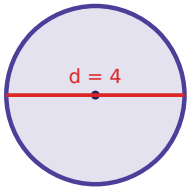
Task card 4 Circles: Diameter & Advanced Probl...

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



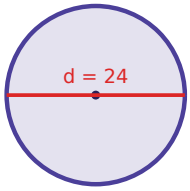
Task card 5 Circles: Diameter & Advanced Probl...

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



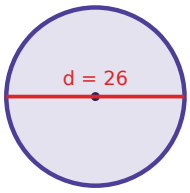
Task card 6 Circles: Diameter & Advanced Probl...

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



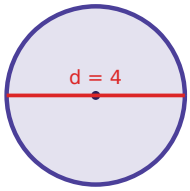
Task card 7 Circles: Diameter & Advanced Probl...

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



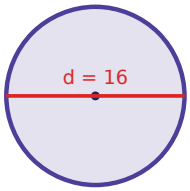
Task card 8 Circles: Diameter & Advanced Probl...

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



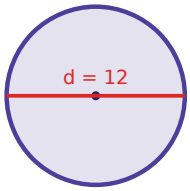
Task card 9 Circles: Diameter & Advanced Probl...

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



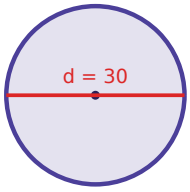
Task card 10 Circles: Diameter & Advanced Probl...

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



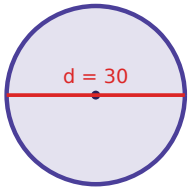
Task card 11 Circles: Diameter & Advanced Probl...

A circle has a diameter of 30. Find its circumference. Use π ≈ 3.14.



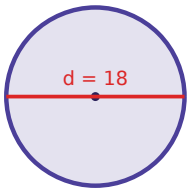
Task card 12 Circles: Diameter & Advanced Probl...

A circle has a diameter of 30. Find its area. Use π ≈ 3.14.



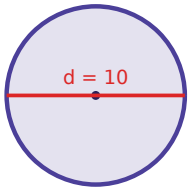
Task card 13 Circles: Diameter & Advanced Probl...

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



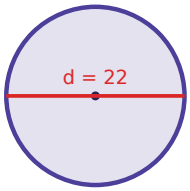
Task card 14 Circles: Diameter & Advanced Probl...

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



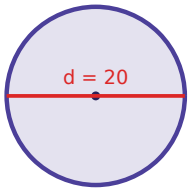
Task card 15 Circles: Diameter & Advanced Probl...

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



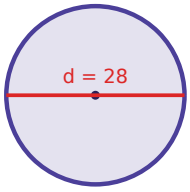
Task card 16 Circles: Diameter & Advanced Probl...

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



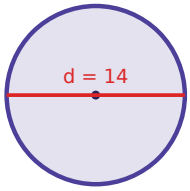
Task card 17 Circles: Diameter & Advanced Probl...

A circle has a diameter of 28. Find its circumference. Use π ≈ 3.14.



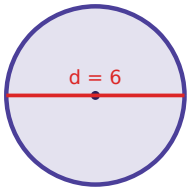
Task card 18 Circles: Diameter & Advanced Probl...

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



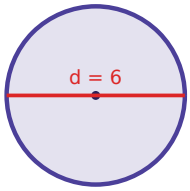
Task card 19 Circles: Diameter & Advanced Probl...

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



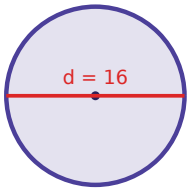
Task card 20 Circles: Diameter & Advanced Probl...

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



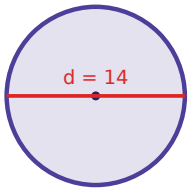
Task card 21 Circles: Diameter & Advanced Probl...

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



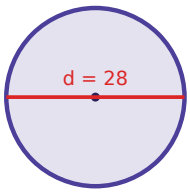
Task card 22 Circles: Diameter & Advanced Probl...

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



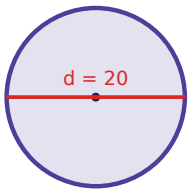
Task card 23 Circles: Diameter & Advanced Probl...

A circle has a diameter of 28. Find its area. Use π ≈ 3.14.



Task card 24 Circles: Diameter & Advanced Probl...

A circle has a diameter of 20. Find its area. 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	24

Circles: Diameter & Advanced Problems Task Cards: Answer Key

Grade 10 · Hard

The answers online

1. 25.1	**2.** 254.3	**3.** 31.4
4. 530.7	**5.** 12.6	**6.** 452.2
7. 81.6	**8.** 12.6	**9.** 50.2
10. 113.0	**11.** 94.2	**12.** 706.5
13. 56.5	**14.** 78.5	**15.** 69.1
16. 62.8	**17.** 87.9	**18.** 153.9
19. 28.3	**20.** 18.8	**21.** 201.0
22. 44.0	**23.** 615.4	**24.** 314.0