Task card 1 Surface Area of Cones

A cone has a radius of 3 cm and a slant height of 15 cm. Find its surface area in square centimeters. Use π ≈ 3.14.

Task card 2 Surface Area of Cones

A cone has a radius of 6 in and a slant height of 19 in. Find its surface area in square inches. Use π ≈ 3.14.

Task card 3 Surface Area of Cones

A cone has a radius of 14 in and a slant height of 17 in. Find its surface area in square inches. Use π ≈ 3.14.

Task card 4 Surface Area of Cones

A cone has a radius of 15 ft and a slant height of 23 ft. Find its surface area in square feet. Use π ≈ 3.14.

Task card 5 Surface Area of Cones

A cone has a radius of 13 in and a slant height of 14 in. Find its surface area in square inches. Use π ≈ 3.14.

Task card 6 Surface Area of Cones

A cone has a radius of 7 cm and a slant height of 19 cm. Find its surface area in square centimeters. Use π ≈ 3.14.

Task card 7 Surface Area of Cones

A cone has a radius of 8 in and a slant height of 20 in. Find its surface area in square inches. Use π ≈ 3.14.

Task card 8 Surface Area of Cones

A cone has a radius of 14 in and a slant height of 29 in. Find its surface area in square inches. Use π ≈ 3.14.

Task card 9 Surface Area of Cones

A cone has a diameter of 16 cm and a slant height of 20 cm. Find its surface area in square centimeters. Use π ≈ 3.14.

Task card 10 Surface Area of Cones

A cone has a diameter of 18 m and a slant height of 14 m. Find its surface area in square meters. Use π ≈ 3.14.

Task card 11 Surface Area of Cones

A cone has a diameter of 2 cm and a slant height of 13 cm. Find its surface area in square centimeters. Use π ≈ 3.14.

Task card 12 Surface Area of Cones

A cone has a diameter of 18 cm and a slant height of 20 cm. Find its surface area in square centimeters. Use π ≈ 3.14.

Task card 13 Surface Area of Cones

A cone has a diameter of 22 cm and a slant height of 17 cm. Find its surface area in square centimeters. Use π ≈ 3.14.

Task card 14 Surface Area of Cones

A cone has a diameter of 8 in and a slant height of 8 in. Find its surface area in square inches. Use π ≈ 3.14.

Task card 15 Surface Area of Cones

A cone has a diameter of 14 cm and a slant height of 19 cm. Find its surface area in square centimeters. Use π ≈ 3.14.

Task card 16 Surface Area of Cones

A cone has a diameter of 6 ft and a slant height of 6 ft. Find its surface area in square feet. Use π ≈ 3.14.

Task card 17 Surface Area of Cones

A cone has a radius of 9 in and a slant height of 20 in. Find its surface area in terms of π.

Task card 18 Surface Area of Cones

A cone has a radius of 3 in and a slant height of 14 in. Find its surface area in terms of π.

Task card 19 Surface Area of Cones

A cone has a radius of 8 cm and a slant height of 18 cm. Find its surface area in terms of π.

Task card 20 Surface Area of Cones

A cone has a radius of 12 m and a slant height of 16 m. Find its surface area in terms of π.

Task card 21 Surface Area of Cones

A cone has a radius of 5 ft and a slant height of 15 ft. Find its surface area in terms of π.

Task card 22 Surface Area of Cones

A cone has a radius of 3 cm and a slant height of 7 cm. Find its surface area in terms of π.

Task card 23 Surface Area of Cones

A cone has a radius of 4 in and a slant height of 6 in. Find its surface area in terms of π.

Task card 24 Surface Area of Cones

A cone has a radius of 2 ft and a slant height of 6 ft. Find its surface area in terms of π.

Surface Area of Cones Task Cards

Recording sheet · Grade 8 · Use π ≈ 3.14 unless the problem says "in terms of π". l is the slant height.

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

Surface Area of Cones Task Cards: Answer Key

Grade 8 · Medium

The answers online

1. 169.56	**2.** 471	**3.** 1362.76
4. 1789.8	**5.** 1102.14	**6.** 571.48
7. 703.36	**8.** 1890.28	**9.** 703.36
10. 649.98	**11.** 43.96	**12.** 819.54
13. 967.12	**14.** 150.72	**15.** 571.48
16. 84.78	**17.** 261π	**18.** 51π
19. 208π	**20.** 336π	**21.** 100π
22. 30π	**23.** 40π	**24.** 16π