Task card 1 Surface Area of Cones

A cone has a radius of 5 cm and a slant height of 8 cm. Find its surface area in square centimeters. Use $\pi \approx 3.14$.

Task card 2 Surface Area of Cones

A cone has a radius of 5 ft and a slant height of 7 ft. Find its surface area in square feet. Use $\pi \approx 3.14$.

Task card 3 Surface Area of Cones

A cone has a radius of 1 m and a slant height of 5 m. Find its surface area in square meters. Use $\pi \approx 3.14$.

Task card 4 Surface Area of Cones

A cone has a radius of 2 m and a slant height of 5 m. Find its surface area in square meters. Use $\pi \approx 3.14$.

Task card 5 Surface Area of Cones

A cone has a radius of 1 in and a slant height of 3 in. Find its surface area in square inches. Use $\pi \approx 3.14$.

Task card 6 Surface Area of Cones

A cone has a radius of 5 ft and a slant height of 9 ft. Find its surface area in square feet. Use $\pi \approx 3.14$.

Task card 7 Surface Area of Cones

A cone has a radius of 5 in and a slant height of 7 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 1 cm and a slant height of 3 cm. Find its surface area in square centimeters. Use π ≈ 3.14.

Task card 9 Surface Area of Cones

A cone has a radius of 2 cm and a slant height of 7 cm. Find its surface area in square centimeters. Use π ≈ 3.14.

Task card 10 Surface Area of Cones

A cone has a radius of 8 cm and a slant height of 10 cm. Find its surface area in square centimeters. Use π ≈ 3.14.

Task card 11 Surface Area of Cones

A cone has a radius of 8 m and a slant height of 15 m. Find its surface area in square meters. Use π ≈ 3.14.

Task card 12 Surface Area of Cones

A cone has a radius of 4 in and a slant height of 9 in. Find its surface area in square inches. Use π ≈ 3.14.

Task card 13 Surface Area of Cones

A cone has a radius of 4 cm and a slant height of 10 cm. Find its surface area in square centimeters. Use π ≈ 3.14.

Task card 14 Surface Area of Cones

A cone has a radius of 1 cm and a slant height of 6 cm. Find its surface area in square centimeters. Use π ≈ 3.14.

Task card 15 Surface Area of Cones

A cone has a radius of 1 cm and a slant height of 4 cm. Find its surface area in square centimeters. Use π ≈ 3.14.

Task card 16 Surface Area of Cones

A cone has a radius of 2 cm and a slant height of 8 cm. Find its surface area in square centimeters. Use π ≈ 3.14.

Task card 17 Surface Area of Cones

A cone has a radius of 9 ft and a slant height of 18 ft. Find its surface area in square feet. Use π ≈ 3.14.

Task card 18 Surface Area of Cones

A cone has a radius of 8 m and a slant height of 18 m. Find its surface area in square meters. Use π ≈ 3.14.

Task card 19 Surface Area of Cones

A cone has a radius of 8 in and a slant height of 9 in. Find its surface area in square inches. Use π ≈ 3.14.

Task card 20 Surface Area of Cones

A cone has a radius of 3 ft and a slant height of 13 ft. Find its surface area in square feet. Use π ≈ 3.14.

Task card 21 Surface Area of Cones

A cone has a radius of 2 in and a slant height of 10 in. Find its surface area in square inches. Use π ≈ 3.14.

Task card 22 Surface Area of Cones

A cone has a radius of 1 ft and a slant height of 6 ft. Find its surface area in square feet. Use π ≈ 3.14.

Task card 23 Surface Area of Cones

A cone has a radius of 4 cm and a slant height of 13 cm. Find its surface area in square centimeters. Use π ≈ 3.14.

Task card 24 Surface Area of Cones

A cone has a radius of 10 m and a slant height of 14 m. Find its surface area in square meters. Use π ≈ 3.14.

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.

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

Surface Area of Cones Task Cards: Answer Key

Grade 8 · Easy

The answers online

1. 204.1	**2.** 188.4	**3.** 18.84
4. 43.96	**5.** 12.56	**6.** 219.8
7. 188.4	**8.** 12.56	**9.** 56.52
10. 452.16	**11.** 577.76	**12.** 163.28
13. 175.84	**14.** 21.98	**15.** 15.7
16. 62.8	**17.** 763.02	**18.** 653.12
19. 427.04	**20.** 150.72	**21.** 75.36
22. 21.98	**23.** 213.52	**24.** 753.6