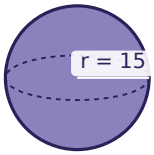
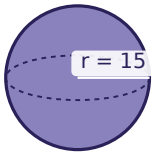
Task card 1 Surface Area of Spheres

Find the surface area of the sphere in square feet. Use π ≈ 3.14.



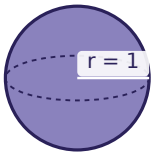
Task card 2 Surface Area of Spheres

Find the surface area of the sphere in square meters. Use π ≈ 3.14.



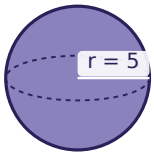
Task card 3 Surface Area of Spheres

Find the surface area of the sphere in square feet. Use π ≈ 3.14.



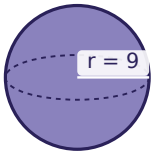
Task card 4 Surface Area of Spheres

Find the surface area of the sphere in square inches. Use π ≈ 3.14.



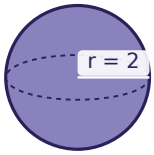
Task card 5 Surface Area of Spheres

Find the surface area of the sphere in square centimeters. Use π ≈ 3.14.



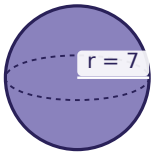
Task card 6 Surface Area of Spheres

Find the surface area of the sphere in square meters. Use π ≈ 3.14.



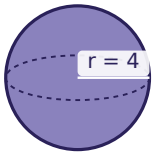
Task card 7 Surface Area of Spheres

Find the surface area of the sphere in square inches. Use π ≈ 3.14.



Task card 8 Surface Area of Spheres

Find the surface area of the sphere in square inches. Use π ≈ 3.14.



Task card 9 Surface Area of Spheres

A sphere has a diameter of 16 in. Find its surface area in square inches. Use π ≈ 3.14.

Task card 10 Surface Area of Spheres

A sphere has a diameter of 10 in. Find its surface area in square inches. Use π ≈ 3.14.

Task card 11 Surface Area of Spheres

A sphere has a diameter of 10 cm. Find its surface area in square centimeters. Use π ≈ 3.14.

Task card 12 Surface Area of Spheres

A sphere has a diameter of 14 ft. Find its surface area in square feet. Use π ≈ 3.14.

Task card 13 Surface Area of Spheres

A sphere has a diameter of 20 cm. Find its surface area in square centimeters. Use π ≈ 3.14.

Task card 14 Surface Area of Spheres

A sphere has a diameter of 24 ft. Find its surface area in square feet. Use π ≈ 3.14.

Task card 15 Surface Area of Spheres

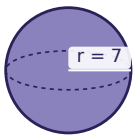
A sphere has a diameter of 16 ft. Find its surface area in square feet. Use π ≈ 3.14.

Task card 16 Surface Area of Spheres

A sphere has a diameter of 10 ft. Find its surface area in square feet. Use π ≈ 3.14.

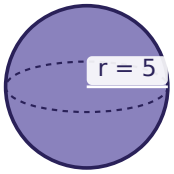
Task card 17 Surface Area of Spheres

Find the surface area of the sphere in terms of π. The sphere is measured in centimeters.



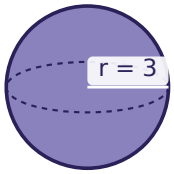
Task card 18 Surface Area of Spheres

Find the surface area of the sphere in terms of π. The sphere is measured in meters.



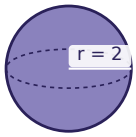
Task card 19 Surface Area of Spheres

Find the surface area of the sphere in terms of π. The sphere is measured in meters.



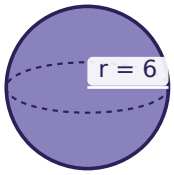
Task card 20 Surface Area of Spheres

Find the surface area of the sphere in terms of π. The sphere is measured in centimeters.



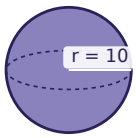
Task card 21 Surface Area of Spheres

Find the surface area of the sphere in terms of π. The sphere is measured in meters.



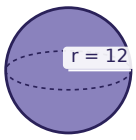
Task card 22 Surface Area of Spheres

Find the surface area of the sphere in terms of π. The sphere is measured in centimeters.



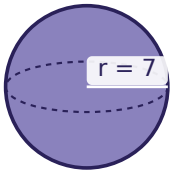
Task card 23 Surface Area of Spheres

Find the surface area of the sphere in terms of π. The sphere is measured in centimeters.



Task card 24 Surface Area of Spheres

Find the surface area of the sphere in terms of π. The sphere is measured in feet.



Surface Area of Spheres Task Cards

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

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 Spheres Task Cards: Answer Key

Grade 8 · Medium

The answers online

1. 2826	**2.** 2826	**3.** 12.56
4. 314	**5.** 1017.36	**6.** 50.24
7. 615.44	**8.** 200.96	**9.** 803.84
10. 314	**11.** 314	**12.** 615.44
13. 1256	**14.** 1808.64	**15.** 803.84
16. 314	**17.** 196π	**18.** 100π
19. 36π	**20.** 16π	**21.** 144π
22. 400π	**23.** 576π	**24.** 196π