

What is the volume of a sphere with a radius of 5 meters? Use 3.14 for pi. Round your answer to the nearest hundredth if necessary.

- a. 523.18 cubic meters
- b. 523.43 cubic meters
- c. 523.38 cubic meters
- d. 523.33 cubic meters

A beach ball has a diameter of 36 inches. What is the volume of air contained inside the beach ball? Use 3.14 for pi. Round your answer to the nearest hundredth if necessary.

- a. 24416.49 cubic inches
- b. 24416.64 cubic inches
- c. 24416.69 cubic inches
- d. 24416.54 cubic inches

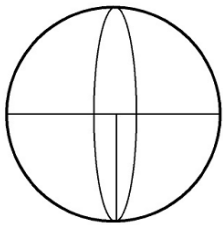
What is the volume of a sphere with a radius of 8 meters? Use 3.14 for pi. Round your answer to the nearest hundredth if necessary.

- a. 2143.72 cubic meters
- b. 2143.47 cubic meters
- c. 2143.62 cubic meters
- d. 2143.57 cubic meters

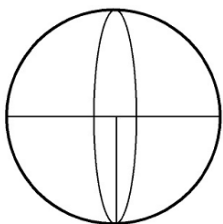
A beach ball has a diameter of 8 inches. What is the volume of air contained inside the beach ball? Use 3.14 for pi. Round your answer to the nearest hundredth if necessary.

- a. 268.10 cubic inches
- b. 268.05 cubic inches
- c. 267.95 cubic inches
- d. 268.00 cubic inches

The figure below is a sphere. Its diameter is 10 units. How many cubic units, rounded to the nearest tenth, is the sphere's volume when using 3.14 as an approximate value for π ?



The figure below is a sphere. Its radius is 7 units. How many cubic units, rounded to the nearest tenth, is the sphere's volume when using 3.14 as an approximate value for π ?



A beach ball has a diameter of 24 inches. What is the volume of air contained inside the beach ball? Use 3.14 for π . Round your answer to the nearest hundredth if necessary.

- a. 7234.46 cubic inches
- b. 7234.41 cubic inches
- c. 7234.56 cubic inches
- d. 7234.61 cubic inches

What is the volume of a sphere with a radius of 9 meters? Use 3.14 for π . Round your answer to the nearest hundredth if necessary.

- a. 3052.08 cubic meters
- b. 3052.03 cubic meters
- c. 3052.18 cubic meters
- d. 3051.93 cubic meters