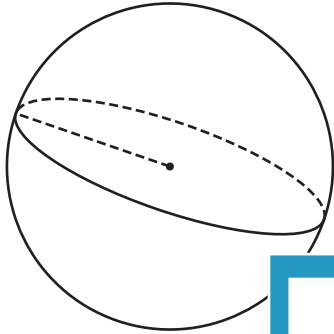


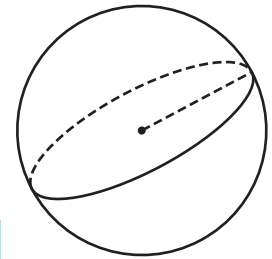
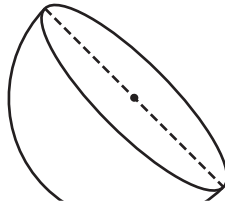
Volume - Sphere and Hemisphere

A) Find the indicated measure. Round your answer to the nearest tenth.
(use $\pi = 3.14$)

- 1) Volume = 61,569.64 yd³ 2) Volume = 8,736.07 in³ 3) Volume = 1,986.79 ft³



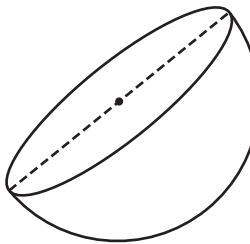
radius = _____



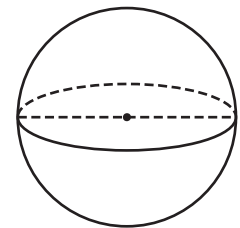
radius = _____

4) Volume = 1,794.77 ft³

Volume = 10,073.56 in³



diameter = _____



diameter = _____

7) Find the radius of a sphere with a volume of 1,986.79 ft³. Round your answer to the nearest tenth. (use $\pi = 3.14$)

Find the radius of a sphere with a volume of 10,073.56 in³. Round your answer to the nearest tenth. (use $\pi = 3.14$)

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

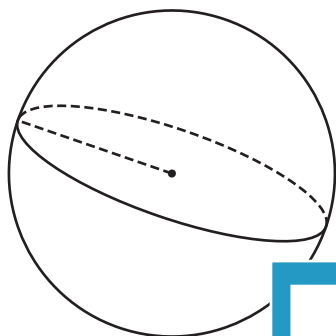
www.mathworksheets4kids.com

8) The volume of a hemisphere is 54,841.3 cubic inches. Determine the diameter of the hemisphere. Round your answer to the nearest tenth. (use $\pi = 3.14$)

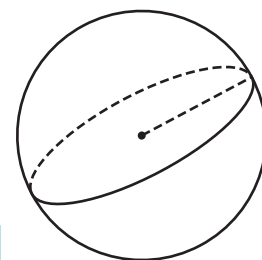
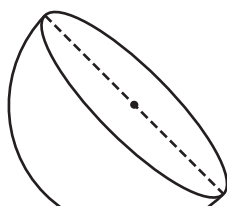
Volume - Sphere and Hemisphere

A) Find the indicated measure. Round your answer to the nearest tenth.
(use $\pi = 3.14$)

- 1) Volume = 61,569.64 yd³ 2) Volume = 8,736.07 in³ 3) Volume = 1,986.79 ft³



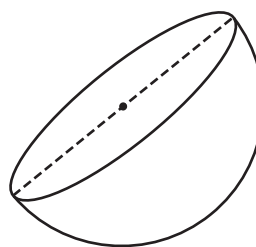
radius = 24.5 yd



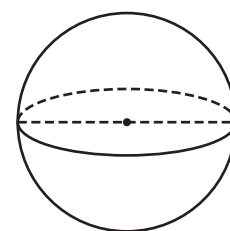
radius = 7.8 ft

- 4) Volume = 1,794.77 ft³

Volume = 10,073.56 in³



diameter = 19 ft



diameter = 26.8 in

- 7) Find the radius of a sphere with a volume of 3,267.3 cubic yards. Round your answer to the nearest tenth. (use $\pi = 3.14$)

8) Find the radius of a sphere with a volume of 1,986.79 cubic feet. Round your answer to the nearest tenth. (use $\pi = 3.14$)

10.2 yards

- 8) The volume of a hemisphere is 54,841.3 cubic inches. Determine the diameter of the hemisphere. Round your answer to the nearest tenth. (use $\pi = 3.14$)

59.4 inches

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com