Section 10.3 : Volumes of Spheres In Class Notes

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Finding Volumes of Spheres

Ex:) Find the volume of the sphere. Round your answer to the nearest tenth. Notes:



OYO:) Find the volume of the sphere. Round your answer to the nearest tenth. Notes:



Finding the Radius of a Sphere

Ex:) Find the radius of the sphere. Round your answer to the nearest tenth.

Notes:



OYO:) Find the radius of the sphere. Round your answer to the nearest tenth.

Notes:



Modeling Real Life

Ex:) A **hemisphere** is one-half of a sphere. The top of the silo is a hemisphere with a radius of 12 feet. What is the volume of the silo? Round your answer to the nearest thousand.

Notes:





Notes:

OYO:) In sphering, a person is secured inside a small, hollow sphere that is surrounded by a larger sphere. The space between the spheres is inflated with air. What is the volume of the inflated space? Explain.

