Name_____

Date_____Period_____

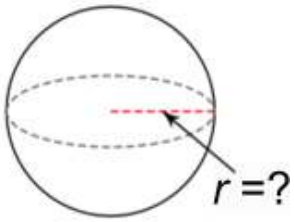
Math 8 - Measurement
Finding Radius (part 2)

Independent Practice for *Finding the Radius (part 2)* Lesson

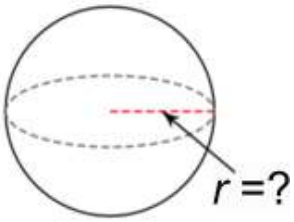
Directions – Work on this page or your own piece of paper to answer each of the following. Use ESA.

1) If the volume of a sphere is 36π mm^3, what is the radius?	2) If the volume of a sphere is $4{,}500\pi$ ft^3, what is the radius?
3) If the volume of a sphere is $7{,}776\pi$ km^3, what is the radius?	4) If the volume of a sphere is $12{,}348\pi$ in^3, what is the radius?

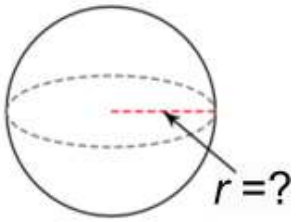
5) If the volume of the sphere is 1,259.8 cm^3, what is radius? Round your answer to the nearest tenth of a centimeter.



6) If the volume of the sphere is 310.3 m^3, what is radius? Round your answer to the nearest tenth of a meter.



7) If the volume of the sphere is 1,563.5 in^3, what is radius? Round your answer to the nearest tenth of an inch.



8) If the volume of the sphere is 1.4 yd^3, what is radius? Round your answer to the nearest tenth of a yard.