

Student Name: _____

Score: _____

Volume of Hemisphere

Calculate the volume and approximate your answer to the nearest hundredth:
(Use calculator. Do not use $22/7$ for pi value)

Radius = 6 ft Volume = _____	Diameter = 8.24 yd Volume = _____
Radius = 7.2 in Volume = _____	Diameter = 19.5 cm Volume = _____
Radius = 6.54 ft Volume = _____	Diameter = 15 yd Volume = _____
Radius = 2.19 m Volume = _____	Diameter = 25 mm Volume = _____

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Answers

Radius = 6 ft	Diameter = 8.24 yd
Volume = 452.39 ft ³	Volume = 146.47 yd ³
Radius = 7.2 in	Diameter = 19.5 cm
Volume = 781.73 in ³	Volume = 1941.21 cm ³
Radius = 6.54 ft	Diameter = 15 yd
Volume = 585.86 ft ³	Volume = 883.57 yd ³
Radius = 2.19 m	Diameter = 25 mm
Volume = 22 m ³	Volume = 4090.62 mm ³