

Student Name: _____

Score: _____

Volume of Sphere

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

Radius = 5 m Volume = _____	Diameter = 6.4 ft Volume = _____
Radius = 3.1 yd Volume = _____	Diameter = 25 inches Volume = _____
Radius = 11.8 cm Volume = _____	Radius = 7 ft Volume = _____
Diameter = 17 mm Volume = _____	Diameter = 9.3 yd Volume = _____

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Answers

Radius = 5 m	Diameter = 6.4 ft
Volume = $523.60 m^3$	Volume = $137.26 ft^3$
Radius = 3.1 yd	Diameter = 25 inches
Volume = $124.79 yd^3$	Volume = $8181.23 in^3$
Radius = 11.8 cm	Radius = 7 ft
Volume = $6882.32 cm^3$	Volume = $1436.76 ft^3$
Diameter = 17 mm	Diameter = 9.3 yd
Volume = $2572.44 mm^3$	Volume = $421.16 yd^3$