

Student Name: _____

Score: _____

Volume of Cone Worksheet

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

Radius = 8 ft; height = 7 ft Volume = _____	Radius = 2.19 m; height = 4.15 m Volume = _____
Diameter = 11 inches; height = 6 inches Volume = _____	Radius = 12.5 cm; height = 9.25 cm Volume = _____
Diameter = 10 ft; height = 8 ft Volume = _____	Radius = 7.8 yards; height = 6 yards Volume = _____
Radius = 2.19 m; height = 4.78 ft Volume = _____	Radius = 5.05 inches; height = 6.8 inches Volume = _____

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Answers

Radius = 8 ft; height = 7 ft	Radius = 2.19 m; height = 4.15 m
Volume = 469.14 ft³	Volume = 20.84 m³
Diameter = 11 inches; height = 6 inches	Radius = 12.5 cm; height = 9.25 cm
Volume = 190.07 in³	Volume = 1513.53 cm³
Diameter = 10 ft; height = 8 ft	Radius = 7.8 yards; height = 6 yards
Volume = 209.44 ft³	Volume = 382.27 yd³
Radius = 2.19 m; height = 4.78 ft	Radius = 5.05 inches; height = 6.8 inches
Volume = 24.01 ft³	Volume = 181.6 in³