

Student Name: _____

Score: _____

Volume of Cylinder Worksheet

Radius = 8 ft; Height = 7 ft Volume = _____	Diameter = 9 yd; Height = 6 yd Volume = _____
Radius = 7.5 m; Height = 4.4 m Volume = _____	Diameter = 12.5 in; Height = 6.8 in Volume = _____
Radius = 4 yd; Height = 5 yd Volume = _____	Diameter = 7 ft; Height = 7 ft Volume = _____
Radius = 21 mm; Height = 19 mm Volume = _____	Diameter = 8.8 cm; Height = 9 cm Volume = _____

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Answers

Radius = 8 ft; Height = 7 ft	Diameter = 9 yd; Height = 6 yd
Volume = $448\pi \text{ ft}^3$	Volume = $121.5\pi \text{ yd}^3$
Radius = 7.5 m; Height = 4.4 m	Diameter = 12.5 in; Height = 6.8 in
Volume = $247.5\pi \text{ m}^3$	Volume = $265.625\pi \text{ in}^3$
Radius = 4 yd; Height = 5 yd	Diameter = 7 ft; Height = 7 ft
Volume = $80\pi \text{ yd}^3$	Volume = $85.75\pi \text{ ft}^3$
Radius = 21 mm; Height = 19 mm	Diameter = 8.8 cm; Height = 9 cm
Volume = $8379\pi \text{ mm}^3$	Volume = $174.24\pi \text{ cm}^3$