Student Name: _____ **Score:**

Volume of a Cone

Work Space

Radius = 4 inches Height = 6 inches Find the exact volume of a right circular cone. Volume = _____	
Diameter = 7 feet Height = 9 feet Find the exact volume of a right circular cone. Volume = _____	
Radius = 4 cm Slant height = 5 cm. Find the exact volume of a right circular cone. Volume = _____	
In a conical tank, the depth and radius of the water level is 1.2 yards and 0.5 yards respectively. Find the volume of water to the nearest two decimal places. $(Take\ \pi = 3.14)$ Volume = _____	
Diameter = 8 inches; Height = 12 inches. Find the volume of a cone to the nearest whole number. Volume = _____	

Student Name: _____ **Score:**

Answers: Work Space

Radius = 4 inches Height = 6 inches Find the exact volume of a right circular cone. Volume = $32\pi\ in^3$	
Diameter = 7 feet Height = 9 feet Find the exact volume of a right circular cone. Volume = $36.75\pi\ ft^3$	
Radius = 4 cm Slant height = 5 cm. Find the exact volume of a right circular cone. Volume = $16\pi\ cm^3$	
In a conical tank, the depth and radius of the water level is 1.2 yards and 0.5 yards respectively. Find the volume of water to the nearest two decimal places. $(Take\ \pi = 3.14)$ Volume = $0.315\ yd^3$	
Diameter = 8 inches; Height = 12 inches. Find the volume of a cone to the nearest whole number. Volume = $201\ in^3$	