

Student Name: _____

Score: _____

Surface Area of Cone Worksheet

Calculate the surface area and approximate your answer to the nearest hundredth:

Radius = 4 feet; Slant height = 6 feet Surface area = _____	Diameter = 8 inches; Slant height = 5 inches Surface area = _____
Radius = 5.2 yards; Slant height = 7 yards Surface area = _____	Diameter = 7 feet; Slant height = 3.5 feet Surface area = _____
Radius = 6.2 cm; Slant height = 5.8 cm Surface area = _____	Diameter = 8 inches; Slant height = 12 inches Surface area = _____
Radius = 12 mm; Slant height = 15 mm Surface area = _____	Diameter = 5.1 m; Slant height = 2 m Surface area = _____

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Answers

Radius = 4 feet; Slant height = 6 feet	Diameter = 8 inches; Slant height = 5 inches
Surface area = 125.66 ft^2	Surface area = 113.1 inch^2
Radius = 5.2 yards; Slant height = 7 yards	Diameter = 7 feet; Slant height = 3.5 feet
Surface area = 199.3 yd^2	Surface area = 76.97 ft^2
Radius = 6.2 cm; Slant height = 5.8 cm	Diameter = 8 inches; Slant height = 12 inches
Surface area = 233.73 cm^2	Surface area = 201.06 inch^2
Radius = 12 mm; Slant height = 15 mm	Diameter = 5.1 m; Slant height = 2 m
Surface area = 1017.88 mm^2	Surface area = 36.45 m^2