

Student Name: _____

Score: _____

Surface Area of Hemisphere Worksheet

Calculate the surface area in terms of π :

Radius = 12 cm Surface area = _____	Diameter = 12 m Surface area = _____
Radius = 4.8 inches Surface area = _____	Radius = 24 mm Surface area = _____
Diameter = 3.2 yards Surface area = _____	Diameter = 9 feet Surface area = _____
Radius = 18 m Surface area = _____	Diameter = 13 feet Surface area = _____

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Answers

Radius = 12 cm Surface area = $432\pi \text{ cm}^2$	Diameter = 12 m Surface area = $108\pi \text{ m}^2$
Radius = 4.8 inches Surface area = $69.12\pi \text{ inch}^2$	Radius = 24 mm Surface area = $1728\pi \text{ mm}^2$
Diameter = 3.2 yards Surface area = $7.68\pi \text{ yd}^2$	Diameter = 9 feet Surface area = $60.75\pi \text{ ft}^2$
Radius = 18 m Surface area = $972\pi \text{ m}^2$	Diameter = 13 feet Surface area = $126.75\pi \text{ ft}^2$