

Name: _____

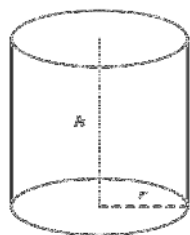
Unit 6

Date: _____

WS #1 Finding Missing Dimensions

_____	_____
20	100

4



1)

Height = 10 in

Radius = _____

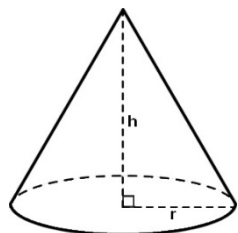
Lateral Area = 188.49552 in^2

Volume = _____

2)

Height = _____

Radius = _____

Slant Height = 18.02775638 m Lateral Area = 849.538 m^2 Volume = 2355 m^3 

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3)

Height = 15 cm

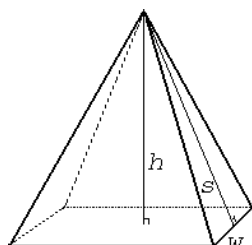
Base Sides = _____

Area of Base = 484 cm^2

Slant Height = _____

Surface Area = _____

Volume = _____

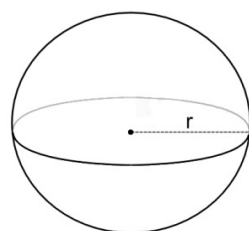


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4)

Radius = _____

Surface Area = _____

Volume = 904.32 yd^3 

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5. The Volume of a right triangular prism is 48 cm^3 . If the base is a right triangle with legs of 3 cm and 4 cm, find the height of the prism. (First draw the solid and label it)

4