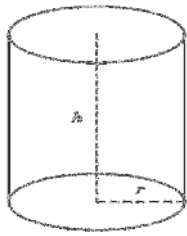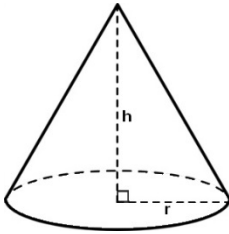# Worksheet 6.5 Finding Missing Dimensions
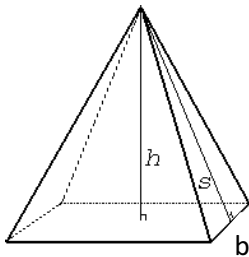
Name:_____

1)

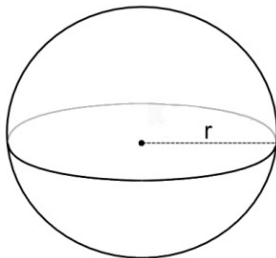Height = 10 in

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

3)

Height = 15 cm

Base Sides = _____

Area of Base = 484 cm^2

Slant Height = _____

Surface Area = _____

Volume = _____

4)

Radius = _____

Surface Area = _____

Volume = 904.32 yd^3

5)   The volume of a right triangular prism is 48cm^3. If the base is a right triangle with legs of 3 and 4cm, find the height of the prism