

Name: _____

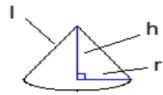
Write your formulas here:

Cone Surface Area:

Cone Volume:

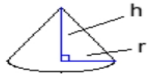
Surface Area and Volume

1)



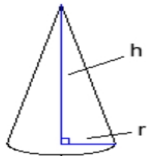
Find the surface area.
 $r = 3$ in, $h = 4$ in
 $l = 5$ in
(Leave answer in π form.)

2)



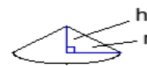
Find the surface area.
 $r = 9$ ft, $h = 12$ ft
(Use 3.14 for π)

3)



Find the surface area.
 $r = 7$ m, $h = 24$ m
(Leave answer in π form.)

4)



Find the volume.
 $r = 21$ cm, $h = 14$ cm
(Use 3.14 for π)

5)



Find the volume.
 $r = 15$ cm, $h = 19$ cm
(Leave answer in π form.)

6)



Find the volume.
 $r = 6$ cm, $h = 16$ cm
(Leave answer in π form.)