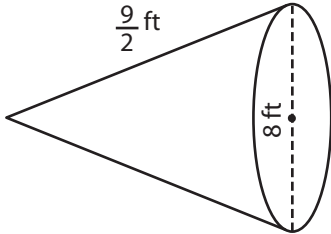


Name : \_\_\_\_\_

## Surface Area - Cone

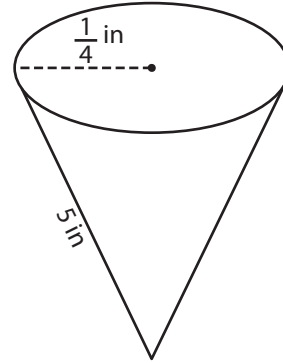
A) Find the surface area of each cone. Round your answer to two decimal places. (use  $\pi = 3.14$ )

1)



Surface Area = \_\_\_\_\_

2)



Surface Area = \_\_\_\_\_

B) Find the surface area of each cone from the given parameters. Round your answer to two decimal places. (use  $\pi = 3.14$ )

3) slant height =  $\frac{8}{3}$  yd, diameter = 4 yd

Surface Area = \_\_\_\_\_

4) diameter =  $\frac{4}{5}$  ft, slant height = 7 ft

Surface Area = \_\_\_\_\_

5) radius =  $\frac{3}{8}$  in, slant height = 4 in

Surface Area = \_\_\_\_\_

6) slant height = 6 yd, radius =  $\frac{2}{3}$  yd

Surface Area = \_\_\_\_\_

C) The radius and slant height of a cone are  $\frac{3}{4}$  foot and  $\frac{1}{4}$  foot respectively. What is the surface area of the cone? Round your answer to two decimal places. (use  $\pi = 3.14$ )

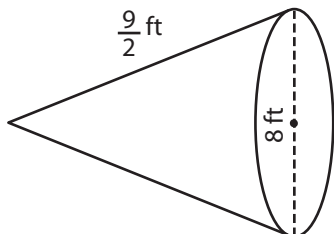
\_\_\_\_\_

Name : \_\_\_\_\_

## Surface Area - Cone

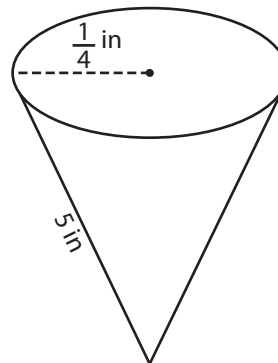
A) Find the surface area of each cone. Round your answer to two decimal places. (use  $\pi = 3.14$ )

1)



Surface Area = 106.76 ft<sup>2</sup>

2)



Surface Area = 4.12 in<sup>2</sup>

B) Find the surface area of each cone from the given parameters. Round your answer to two decimal places. (use  $\pi = 3.14$ )

3) slant height =  $\frac{8}{3}$  yd, diameter = 4 yd

Surface Area = 29.31 yd<sup>2</sup>

4) diameter =  $\frac{4}{5}$  ft, slant height = 7 ft

Surface Area = 9.29 ft<sup>2</sup>

5) radius =  $\frac{3}{8}$  in, slant height = 4 in

Surface Area = 5.15 in<sup>2</sup>

6) slant height = 6 yd, radius =  $\frac{2}{3}$  yd

Surface Area = 13.96 yd<sup>2</sup>

C) The radius and slant height of a cone are  $\frac{3}{4}$  foot and  $\frac{1}{4}$  foot respectively. What is the surface area of the cone? Round your answer to two decimal places. (use  $\pi = 3.14$ )

2.36 square feet