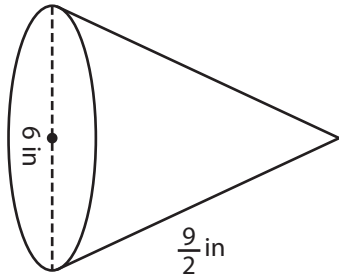


Name : \_\_\_\_\_

# Surface Area - Cone

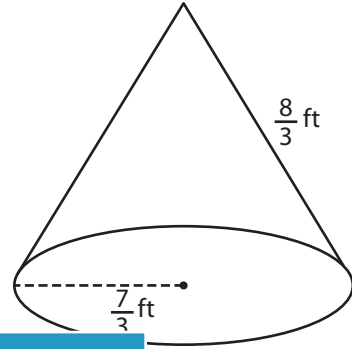
A) Find the surface area of each cone. Round your answer to two decimal places. (use  $\pi = 3.14$ )

1)



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

2)



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

B) Find the surface area of each cone. Round your answer to two decimal places.

3) slant height = 3 yd, radius = 2 yd

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

height = 7 in

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

5) diameter =  $\frac{7}{4}$  ft, slant height = 2 ft

radius =  $\frac{3}{2}$  yd

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

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

C) The diameter of a cone is 4 inches. If the slant height of the cone is  $\frac{5}{2}$  inches, determine its surface area. Round your answer to two decimal places. (use  $\pi = 3.14$ )

\_\_\_\_\_

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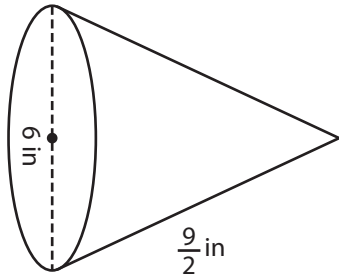
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Name : \_\_\_\_\_

**Surface Area - Cone**

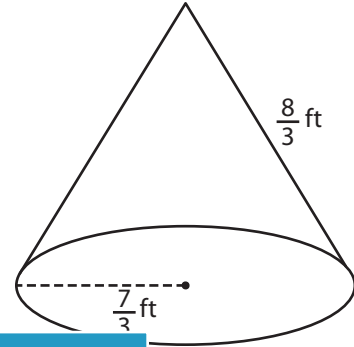
A) Find the surface area of each cone. Round your answer to two decimal places. (use  $\pi = 3.14$ )

1)



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

2)



**36.63 ft<sup>2</sup>**

B) Find the surface area of each cone. Round your answer to two decimal places.

3) slant height = 3 yd, radius = 2 yd

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

5) diameter =  $\frac{7}{4}$  ft, slant height = 2 ft

Surface Area = **5.5 ft<sup>2</sup>**

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Surface Area = **30.62 yd<sup>2</sup>**

C) The diameter of a cone is 4 inches. If the slant height of the cone is  $\frac{5}{2}$  inches, determine its surface area. Round your answer to two decimal places. (use  $\pi = 3.14$ )

**28.26 square inches**