

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

## Surface Area - Cylinder

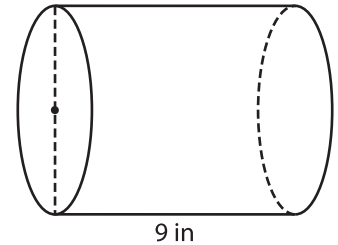
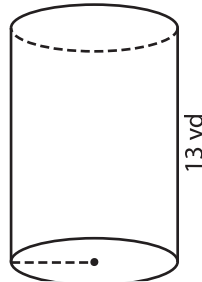
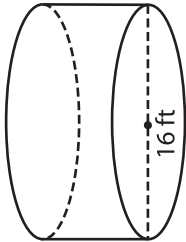
Sheet 2

A) Find the indicated measure. (use  $\pi = 3.14$ )

1) Surface Area =  $753.6 \text{ ft}^2$

2) Surface Area =  $301.44 \text{ yd}^2$

3) Surface Area =  $226.08 \text{ in}^2$



height = \_\_\_\_\_

diameter = \_\_\_\_\_

B) Find the indicated

4) Surface Area =  $314 \text{ yd}^2$ ,

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radius =  $2 \text{ ft}$

diameter = \_\_\_\_\_

6) Surface Area =  $640.56 \text{ in}^2$

height = \_\_\_\_\_  
Surface Area =  $5.92 \text{ yd}^2$ , diameter =  $18 \text{ yd}$

radius = \_\_\_\_\_

height = \_\_\_\_\_

8) Determine the height of a cylinder whose surface area is  $1,105.28 \text{ ft}^2$  and radius is  $8 \text{ ft}$ .

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