

# Surface area of a Cone

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

Date: \_\_\_\_\_

Find the surface area of a cone? (Use  $\pi = 3.14$ ).

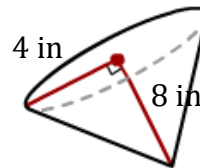
1)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{209.22 \text{ ft}^2}$$

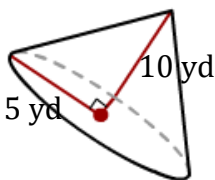
2)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{\hspace{2cm}}$$

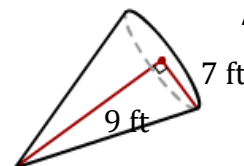
3)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{\hspace{2cm}}$$

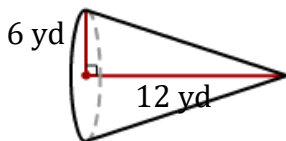
4)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{\hspace{2cm}}$$

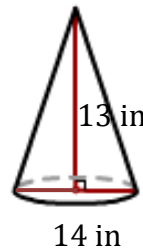
5)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{\hspace{2cm}}$$

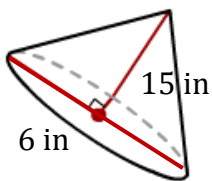
6)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{\hspace{2cm}}$$

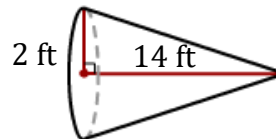
7)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{\hspace{2cm}}$$

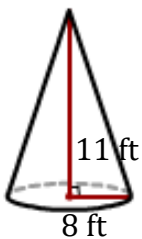
8)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{\hspace{2cm}}$$

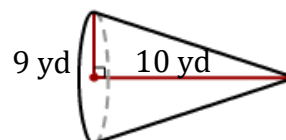
9)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{\hspace{2cm}}$$

10)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{\hspace{2cm}}$$

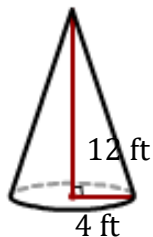
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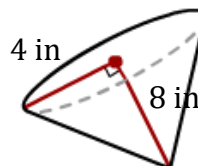
1)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{209.22 \text{ ft}^2}$$

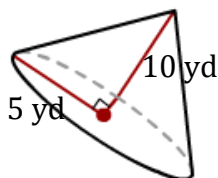
2)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{162.66 \text{ in}^2}$$

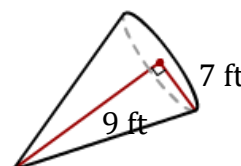
3)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{254.16 \text{ yd}^2}$$

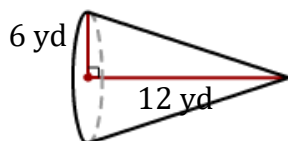
4)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{404.68 \text{ ft}^2}$$

5)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{365.99 \text{ yd}^2}$$

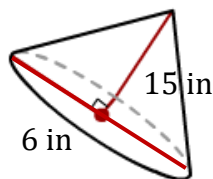
6)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{478.63 \text{ in}^2}$$

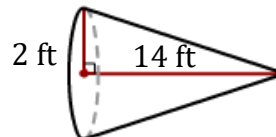
7)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{172.45 \text{ in}^2}$$

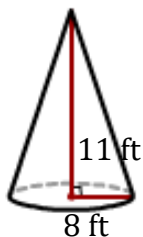
8)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{101.42 \text{ ft}^2}$$

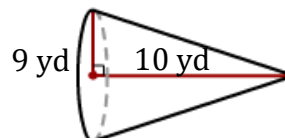
9)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{542.9 \text{ ft}^2}$$

10)



$$A = \pi r(r + \sqrt{h^2 + r^2})$$

$$A = \underline{634.86 \text{ yd}^2}$$