

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

## Volume - Cone

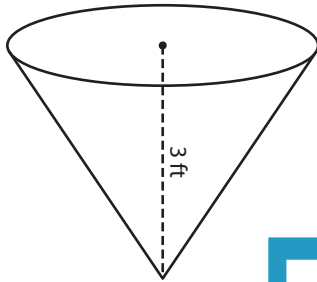
L2S2

A) Find the indicated measure in each cone. Round your answer to the nearest tenth. (use  $\pi = 3.14$ )

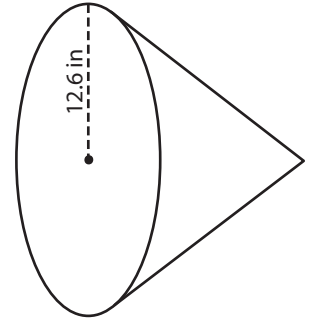
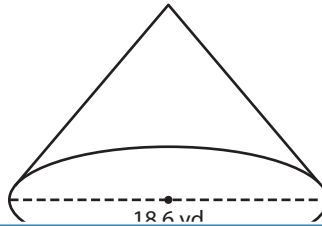
1) Volume =  $12.56 \text{ ft}^3$

2) Volume =  $1,032 \text{ yd}^3$

3) Volume =  $2,701.7 \text{ in}^3$



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



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

B) Find the indicated measure in each cone. Round your answer to the nearest tenth. (use  $\pi = 3.14$ )

4) Volume =  $5,898.49 \text{ ft}^3$

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

6) Volume =  $867.98 \text{ in}^3$

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

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

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

8) A conical sugar sifter has a height of 4 inches. If the sifter has a volume of 25.12 cubic inches, what is its radius? Round your answer to the nearest tenth. (use  $\pi = 3.14$ )



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

### Answer key

## Volume - Cone

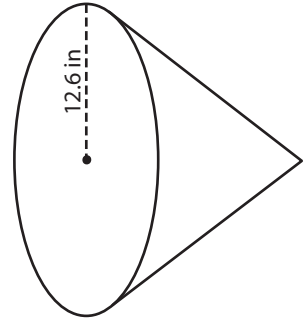
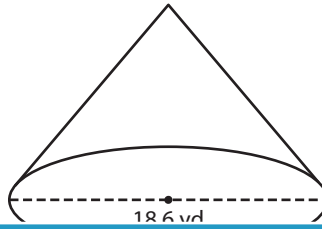
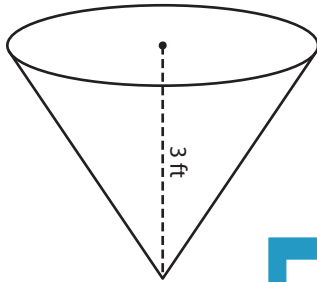
L2S2

A) Find the indicated measure in each cone. Round your answer to the nearest tenth. (use  $\pi = 3.14$ )

1) Volume =  $12.56 \text{ ft}^3$

2) Volume =  $1,032 \text{ yd}^3$

3) Volume =  $2,701.7 \text{ in}^3$



diameter = 4

# PREVIEW

height = 16.3 in

B) Find the indicated measure in each cone. Round your answer to the nearest tenth. (use  $\pi = 3.14$ )

Find the indicated measure in each cone. Round your answer to the nearest tenth. (use  $\pi = 3.14$ )

4) Volume =  $5,898.49 \text{ ft}^3$

Gain complete access to the largest collection of worksheets in all subjects!

Volume =  $5,898.49 \text{ ft}^3$ ; height =  $14.1 \text{ yd}$

slant height = 2

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

slant height = 20 yd

6) Volume =  $867.98 \text{ in}^3$

Volume =  $867.98 \text{ in}^3$ ; height =  $21 \text{ ft}$

height = 13 in

radius = 12.3 ft

8) A conical sugar sifter has a height of 4 inches. If the sifter has a volume of 25.12 cubic inches, what is its radius? Round your answer to the nearest tenth. (use  $\pi = 3.14$ )

2.4 inches

