

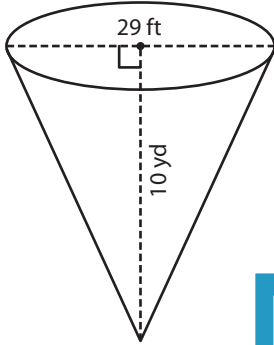
Name : \_\_\_\_\_

## Volume - Cone

Integers: DS5

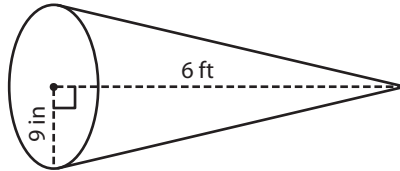
A) Find the volume of each cone. Round your answer to two decimal places.  
(use  $\pi = 3.14$ )

1)



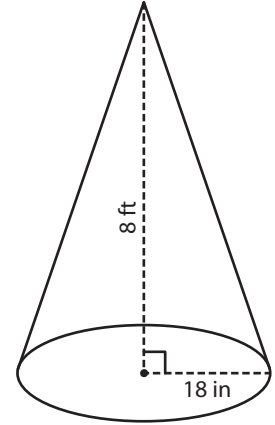
Volume = \_\_\_\_\_

2)



Volume = \_\_\_\_\_

3)



Volume = \_\_\_\_\_ in<sup>3</sup>

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

4) diameter = 5 ft ; height = 10 ft

Volume = \_\_\_\_\_

6) height = 12 in ; diameter = 10 in

Volume = \_\_\_\_\_ yd<sup>3</sup>

Volume = \_\_\_\_\_ ft<sup>3</sup>

8) A metal steel is rolled in the shape of a cone. If the height of the cone is 1 foot and its radius 2 inches, find the volume of the cone. (use  $\pi = 3.14$ )

\_\_\_\_\_ cubic inches

# PREVIEW

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)

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

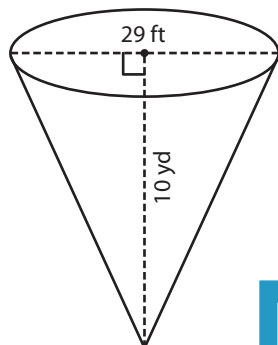
## Answer key

### Volume - Cone

Integers: DS5

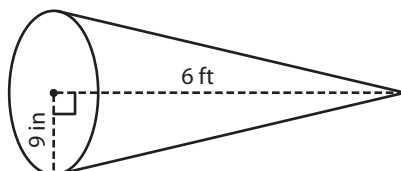
A) Find the volume of each cone. Round your answer to two decimal places.  
(use  $\pi = 3.14$ )

1)

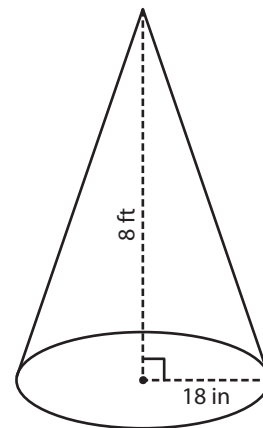


Volume = 244.51

2)



3)



Volume = 32,555.52 in<sup>3</sup>

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

4) diameter = 5 ft ; height = 12 ft

Volume = 3.82

6) height = 12 in ; diameter = 10 in

Volume = 12.56 yd<sup>3</sup>

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)

Volume = 30,605.58 ft<sup>3</sup>

8) A metal steel is rolled in the shape of a cone. If the height of the cone is 1 foot and its radius 2 inches, find the volume of the cone. (use  $\pi = 3.14$ )

50.24 cubic inches