

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

## Volume - Cone

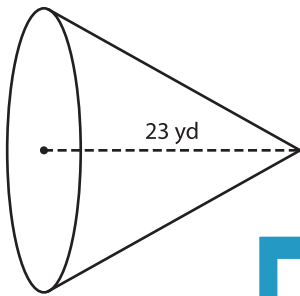
L1S2

A) Find the indicated measure in each cone.

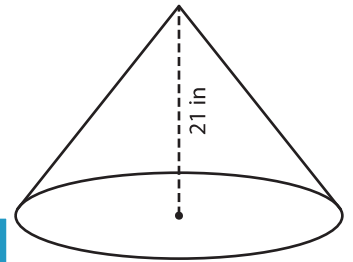
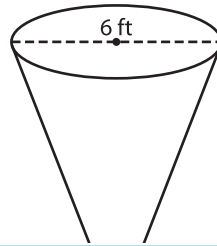
1) Volume =  $1,725\pi$  yd<sup>3</sup>

2) Volume =  $96\pi$  ft<sup>3</sup>

3) Volume =  $2,800\pi$  in<sup>3</sup>



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



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

B) Find the indicated measure.

4) Volume =  $12\pi$  yd<sup>3</sup>; slant height = \_\_\_\_\_

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

6) Volume =  $1,188\pi$  in<sup>3</sup>; radius = \_\_\_\_\_

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

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

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Volume = \_\_\_\_\_ ft<sup>3</sup>; height = 27 ft

Volume = \_\_\_\_\_ in<sup>3</sup>; radius = 5 yd

8) A conical magnet has a volume of  $3\pi$  cubic inches. If the height of the magnet is 4 inches, find its diameter.

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