

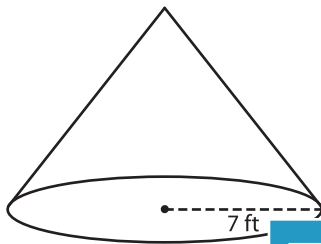
Name : \_\_\_\_\_

## Volume - Cone

L1S1

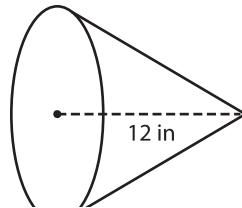
A) Find the indicated measure in each cone.

1) Volume =  $147\pi \text{ ft}^3$



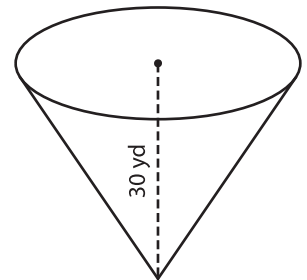
height = \_\_\_\_\_

2) Volume =  $256\pi \text{ in}^3$



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

3) Volume =  $4,410\pi \text{ yd}^3$



B) Find the indicated

4) Volume =  $500\pi \text{ ft}^3$  ;

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

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; diameter = 10 in

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6) Volume =  $4,116\pi \text{ yd}^3$

$\text{ft}^3$  ; height = 19 ft

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

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

8) The volume of the nose cone of a model rocket is  $16\pi$  cubic inches. What is the height of the nose cone, if its diameter is 4 inches?

