

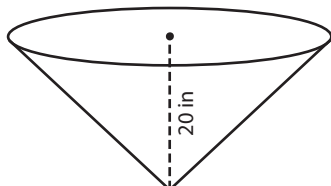
Name : _____

Volume - Cone

L1S3

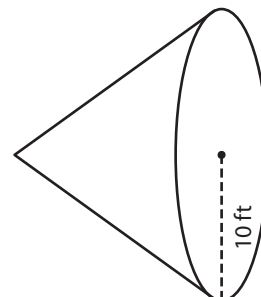
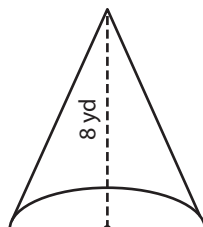
A) Find the indicated measure in each cone.

1) Volume = $2,940\pi \text{ in}^3$



diameter = _____

2) Volume = $24\pi \text{ yd}^3$



height = _____

B) Find the indicated

4) Volume = $189\pi \text{ in}^3$;

height = _____

6) Volume = $1,792\pi \text{ ft}^3$

diameter = _____

radius = _____

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yd^3 ; height = 18 yd

in^3 ; height = 13 in

8) If a conical candle has a volume of 1.67π cubic inches and height of 5 inches, find the diameter of the candle. Round your answer to the nearest tenth.

Name : _____

Answer key

Volume - Cone

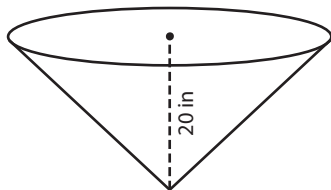
L1S3

A) Find the indicated measure in each cone.

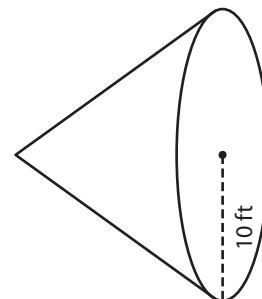
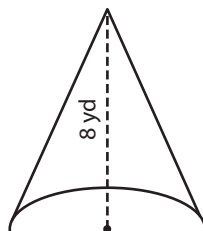
1) Volume = $2,940\pi \text{ in}^3$

2) Volume = $24\pi \text{ yd}^3$

3) Volume = $400\pi \text{ ft}^3$



diameter = 42



height = 12 ft

B) Find the indicated

4) Volume = $189\pi \text{ in}^3$;

height = _____

6) Volume = $1,792\pi \text{ ft}^3$

diameter = 32 ft

radius = 6 in

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yd^3 ; height = 18 yd

30 yd

in^3 ; height = 13 in

8) If a conical candle has a volume of 1.67π cubic inches and height of 5 inches, find the diameter of the candle. Round your answer to the nearest tenth.

2 inches