

Name : _____

Volume - Cone

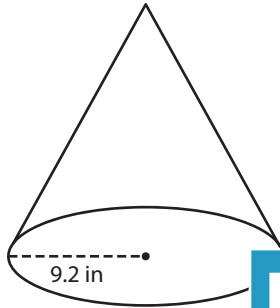
L2S1

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

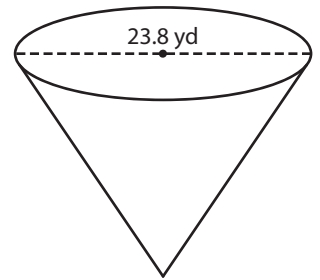
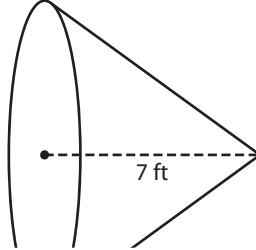
1) Volume = $1,398 \text{ in}^3$

2) Volume = 183.17 ft^3

3) Volume = $2,956.48 \text{ yd}^3$



height = _____



ant height = _____

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

4) Volume = $3,629.84 \text{ in}^3$

diameter = _____

6) Volume = 99.1 yd^3 ;

radius = _____

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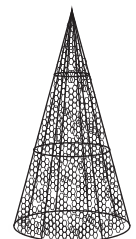
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Answer to the nearest

ft^3 ; radius = 17.5 ft

in^3 ; diameter = 16.6 in

8) A conical topiary frame has a volume of 866.64 cubic inches. If the diameter of the frame is 12 inches, how tall is the topiary work made out of it? (use $\pi = 3.14$)



Name : _____

Answer key

Volume - Cone

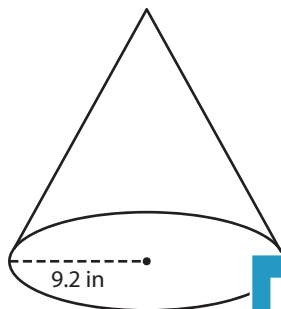
L2S1

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

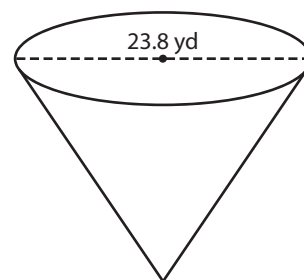
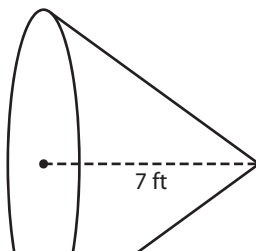
1) Volume = $1,398 \text{ in}^3$

2) Volume = 183.17 ft^3

3) Volume = $2,956.48 \text{ yd}^3$



height = 15.2



height = 23.2 yd

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

4) Volume = $3,629.84 \text{ in}^3$

diameter = 27.8 ft

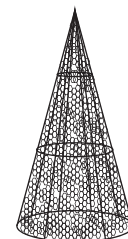
6) Volume = 99.1 yd^3

radius = 2.9 yd

height = 12.1 in

8) A conical topiary frame has a volume of 866.64 cubic inches. If the diameter of the frame is 12 inches, how tall is the topiary work made out of it? (use $\pi = 3.14$)

23 inches



PREVIEW

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