

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

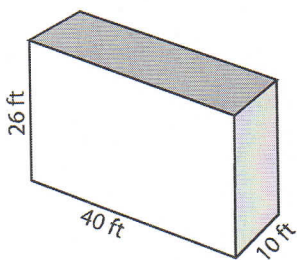
Score : \_\_\_\_\_

### Volume - Rectangular Prism

\* complete only circled quest.  
\* answers provided to check work

Find the volume of each rectangular prism.

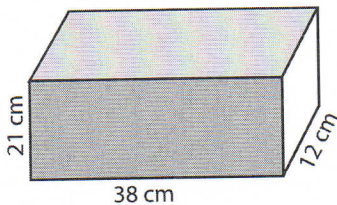
1)



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

Answer:  $10400 \text{ ft}^3$

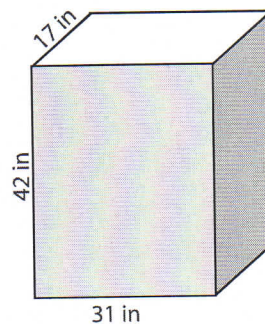
2)



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

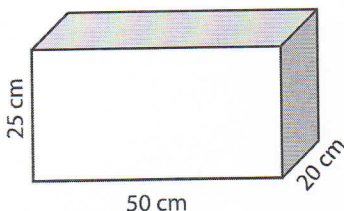
Answer:  $9576 \text{ cm}^3$

3)



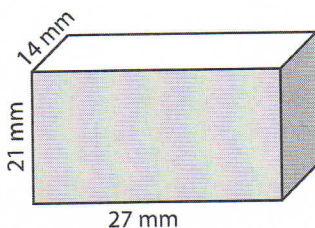
Volume = \_\_\_\_\_

4)



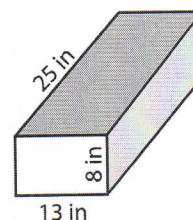
Volume = \_\_\_\_\_

5)



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

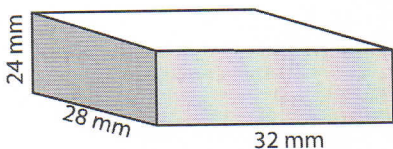
6)



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

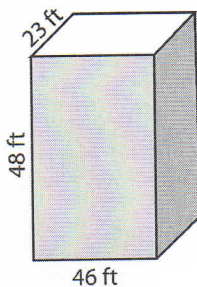
Answer:  $2600 \text{ in}^3$

7)



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

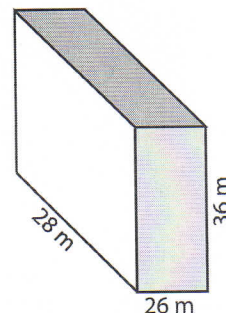
8)



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

Answer:  $50784 \text{ ft}^3$

9)



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

10) A cooler has a length of 25 inches, a width of 19 inches and a height of 15 inches. How much ice would the cooler hold?

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

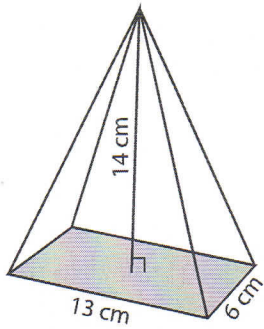
Answer:  $7125 \text{ in}^3$

**Volume of Rectangular Pyramid**

\* complete only circled questions

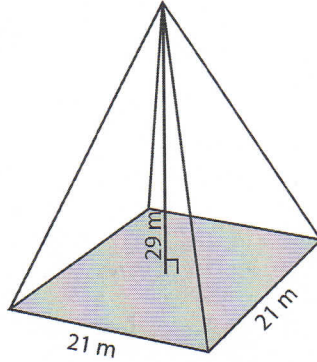
Find the volume of each rectangular pyramid. Round the answer to two decimal places.

1)



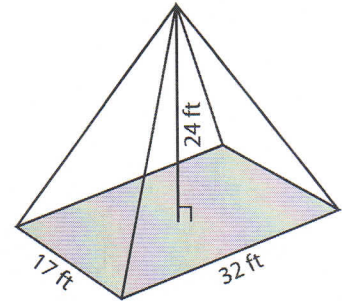
Volume = \_\_\_\_\_  
 Answer:  $364 \text{ cm}^3$

2)



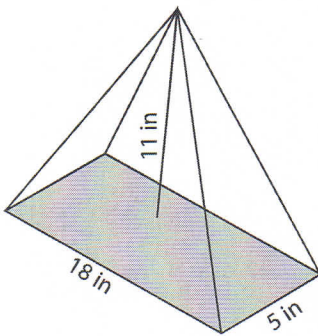
Volume = \_\_\_\_\_  
 Answer:  $4263 \text{ m}^3$

3)



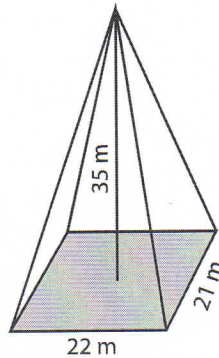
Volume = \_\_\_\_\_

4)



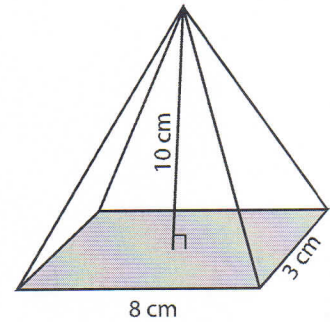
Volume = \_\_\_\_\_  
 Answer:  $330 \text{ in}^3$

5)



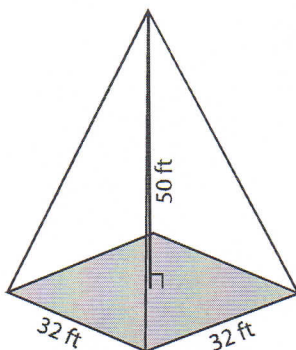
Volume = \_\_\_\_\_

6)



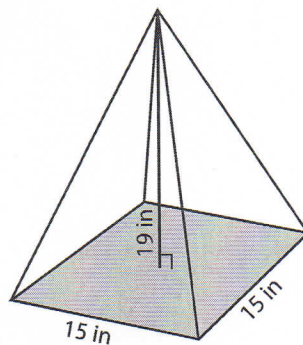
Volume = \_\_\_\_\_

7)



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

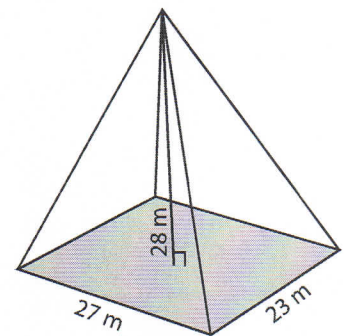
8)



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

Answer:  $1425 \text{ in}^3$

9)



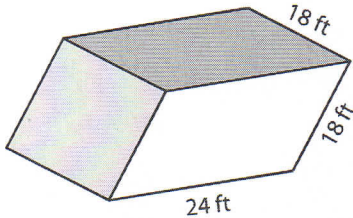
Volume = \_\_\_\_\_

**Volume of Prism**

\* complete only circled quest.  
 + answers provided to check work

Find the volume of each prism. (use  $\pi = 3.14$ )

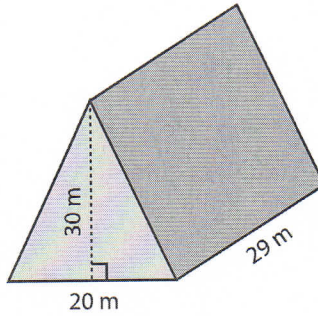
1)



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

Answer:  $7776 \text{ ft}^3$

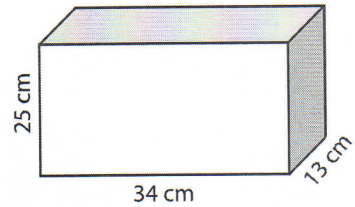
2)



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

Answer:  $8700 \text{ m}^3$

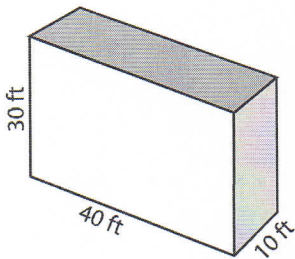
3)



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

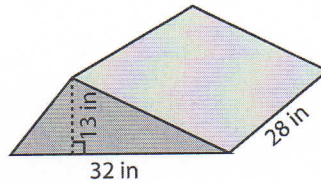
Answer:  $11050 \text{ cm}^3$

4)



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

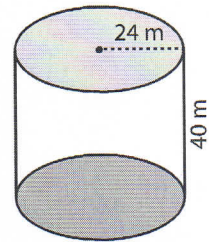
5)



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

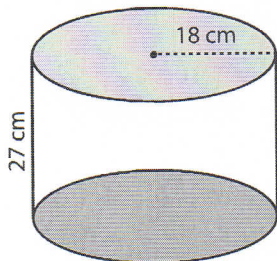
Answer:  $5824 \text{ in}^3$

6)



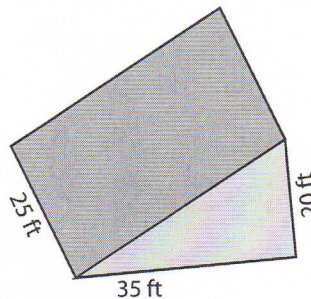
Volume = \_\_\_\_\_

7)



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

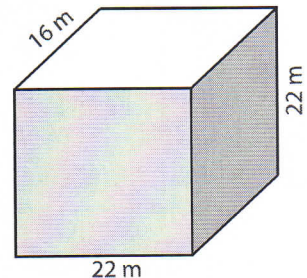
8)



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

Answer:  $8750 \text{ ft}^3$

9)



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

Answer:  $7744 \text{ m}^3$