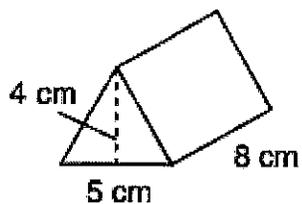


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Hour: \_\_\_\_\_

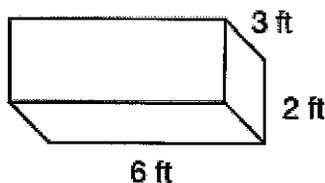
Practice quiz on volume and surface area. You may use a calculator but be sure to **SHOW ALL OF YOUR WORK!** HONORS

Find the **VOLUME** of each figure.

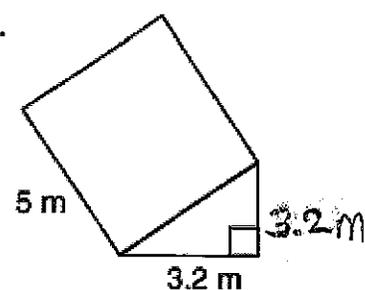
1.



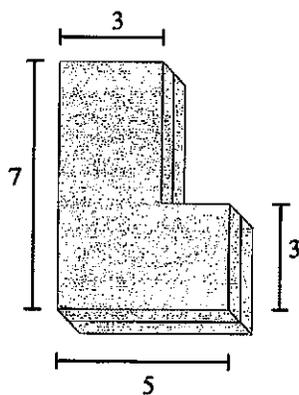
2.



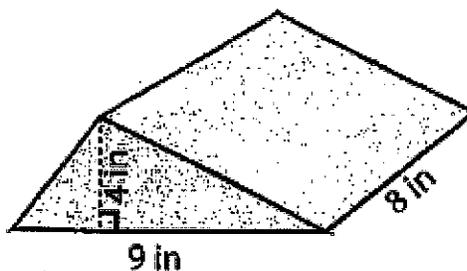
3.



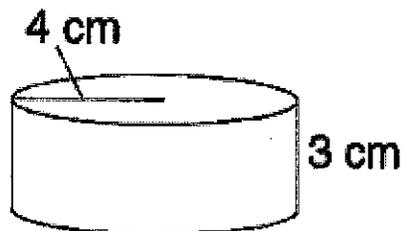
4.



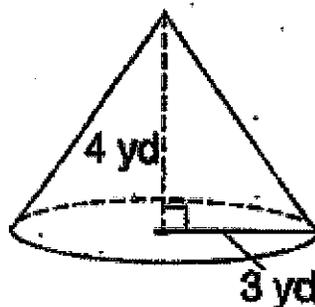
5.

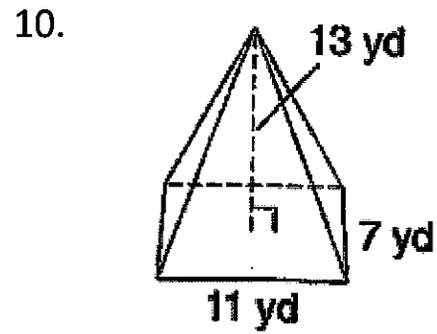
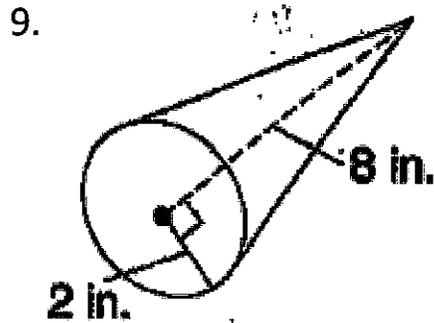
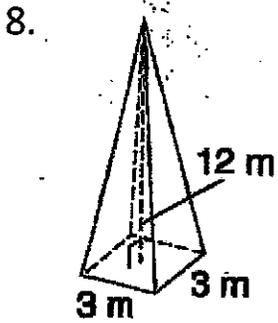


6.



7.

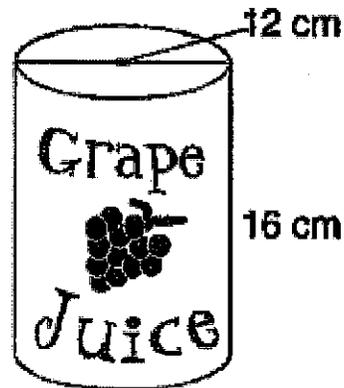




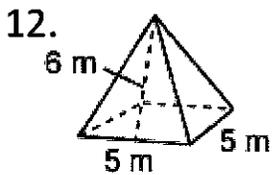
11.

A juice can is shaped like a cylinder. It is 12 centimeters wide and 16 centimeters tall. Find its volume to the nearest whole number. Use 3.14 for  $\pi$ .

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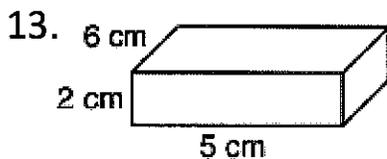
Find the **SURFACE AREA** of the following figures.



Base: \_\_\_\_\_ = \_\_\_\_\_

Sides: \_\_\_\_\_ x4 = \_\_\_\_\_

Total Surface area = \_\_\_\_\_



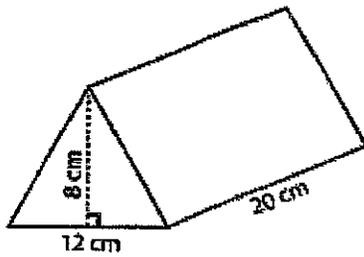
Front: \_\_\_\_\_ x2 = \_\_\_\_\_

Top: \_\_\_\_\_ x2 = \_\_\_\_\_

Side: \_\_\_\_\_ x2 = \_\_\_\_\_

Total Surface Area = \_\_\_\_\_

14.

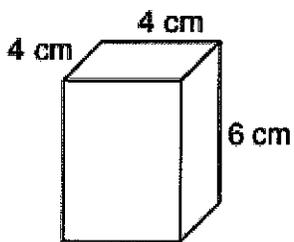


Base: \_\_\_\_\_ x2 = \_\_\_\_\_

Side: \_\_\_\_\_ x3 = \_\_\_\_\_

Total Surface Area = \_\_\_\_\_

15.



Front: \_\_\_\_\_ x2 = \_\_\_\_\_

Top: \_\_\_\_\_ x2 = \_\_\_\_\_

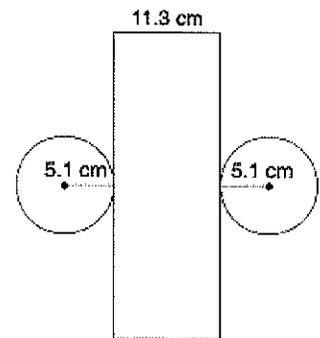
Side: \_\_\_\_\_ x2 = \_\_\_\_\_

Total Surface Area = \_\_\_\_\_

16. Rectangle: \_\_\_\_\_ = \_\_\_\_\_

Circle: \_\_\_\_\_ x2 = \_\_\_\_\_

Total Area: \_\_\_\_\_



17. Rectangle: \_\_\_\_\_ = \_\_\_\_\_

Circle: \_\_\_\_\_ x2 = \_\_\_\_\_

Total Area: \_\_\_\_\_

