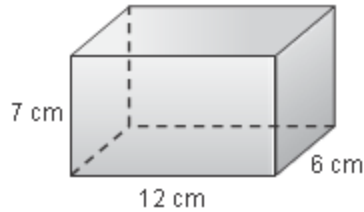


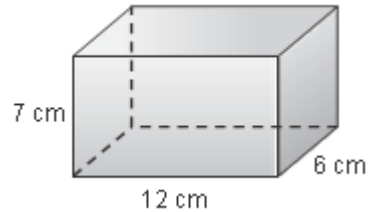
HW 6-7**More Practice of
Surface Area & Volume****Unit 6****Int 1**

SHOW YOUR WORK and round all answers to the tenths place when necessary. Don't forget to label your answers with the appropriate unit of measure.

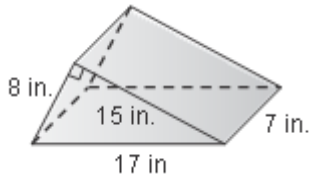
1. Surface Area



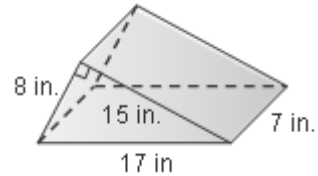
2. Volume



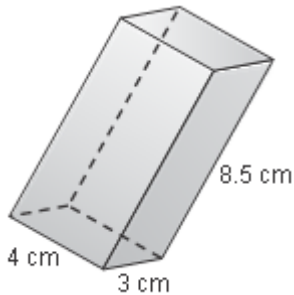
3. Volume



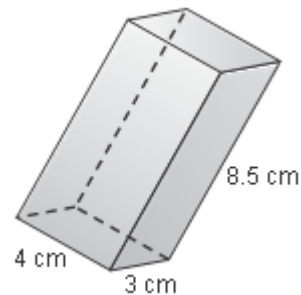
4. Surface Area



5. Surface Area

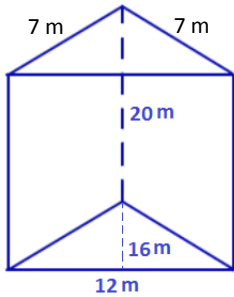


6. Volume

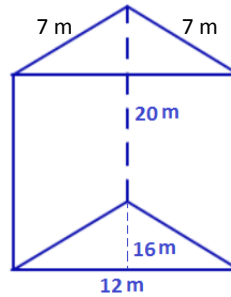


SHOW YOUR WORK and round all answers to the tenths place when necessary. Don't forget to label your answers with the appropriate unit of measure.

7. Volume

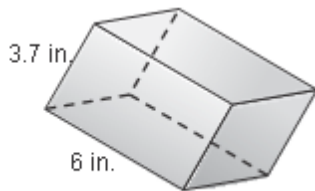


8. Surface Area

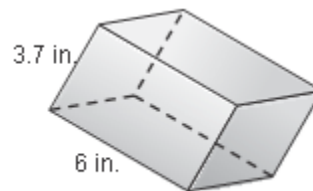


EXTRA CREDIT: The rest of the questions are extra credit. Please show your work.

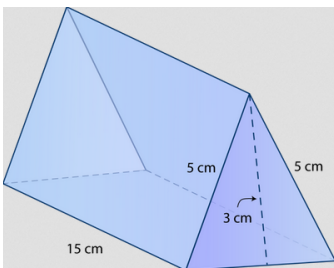
9. The volume of this rectangular prism is 95.46 in^3 . What is the width?



10. Now that you know the width of the rectangular prism (from problem #9) find the surface area.



11. The area of the base is 6 cm^2 .
Use this information to find the length of the base of the triangle.
The base of the triangle is _____.
Use this information to find the volume.



12. Now that you know the base of the triangle, as found in problem #11, find the surface area.

