

Name: _____

Science _____

Date: _____

A.M.V.D. Practice WS

I. Formulas:

a.) Area= _____

c.) Mass = _____

b.) Density= _____

d.) Volume= _____

II. Solve using the 3 step method:

1.) Find the area of a VCR box which has a length of 19 cm and width of 10 cm.

2.) Find the volume of the box in Figure 1.

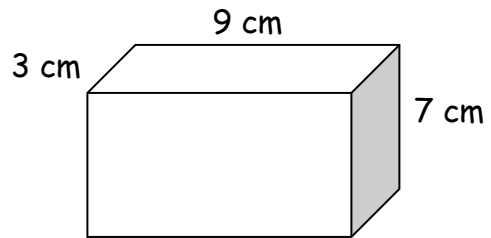


Figure 1 (not drawn to scale)

3.) Find the density of Figure 1 whose mass is 945 grams.

4.) The density of an unknown object found at a crime scene is 15 g/cm^3 , and the mass is 3.0 g. What is the volume?



5.) The volume of Dr. Jekyll's magical potion is 3.6 mL and its density was told to be 5.01 g/mL. Find the mass to the nearest thousandth.



General Properties of Matter

	Length	Volume	Mass	Density	Weight	Area	Temp.
Definition			The amount of matter in an object.				
Basic Unit						m ² or cm ²	
Tool	Metric ruler OR Meter stick						
Formula		V= LxWx H					