PHYSICAL AND CHEMICAL PROPERTIES		Name
1. What is a phy	vsical property?	Per
2. Give 3 examp	les of physical properties.	
3. Describe map	ole syrup using its physical propertie	es.
4. When do phy	sical changes take place?	
5. Give 3 examp	les of physical changes.	
6. What do che	mical properties describe?	
7. Give 3 examp	les of chemical changes.	
a. the color b. how muc c. how flam d. the leng e. whether f. the shap	the metal could oxidize (rust)) or C (chemical property)
a. melting ia. b. burning c. decompod. breakinge. cookingf. cutting og. tearing ph. rusting r	paper sition of old leaves glass a copper wire paper metal ion of water	C (chemical change)

DENSITY REVIEW

- 1. What is the density of a 32g block which measures 2cm on each side? (show your work)
- 2. Using everyday experience as your guide, match the following substances with their correct densities. Remember, the density of water is 1.00g/mL.

	<u>density (g/cm³)</u>
air	a. 0.65
wood	b. 2.30
glass	c. 1.00
ice	d. 0.92
water	e. 0.0012

3. A rock has a mass of 9.2g and is placed in a graduated cylinder containing 24ml water; the water level increases to 30.8ml.

What is the volume of the rock? (show your work)

What is the density of the rock? (show your work)

- 4. If two objects are of equal mass, the one with the largest volume has the largest / smallest density.
- 5. If two objects are of equal volume, the one with the largest mass has the largest / smallest density.
- 6. Calculate: (hint: use formulas from foldable) (show your work)