Section: Physical Properties PHYSICAL PROPERTIES	
A characteristic of matter that can be observed changing the identity of the matter is a a. matter property. b. physical property. d. volume	erved or measured without mical property. me property.
d. colo	r, odor, and magnetism.
Match the correct example with the correct physical provided.	operty. Write the letter in
3. Aluminum can be flattened into sheets of foil.4. An ice cube floats in a glass of water.	a. stateb. solubilityc. thermal conductivity
5. Copper can be pulled into thin wires.	d. malleability
6. Plastic foam protects you from hot liquid.	e. odor f. ductility
7. Flavored drink mix dissolves in water.	g. density
8. An onion gives off a very distinctive smell.	
9. A golf ball has more mass than a table tennis ball.	
0. Density is the that desc between mass and volume.	ribes the relationship
1. Objects such as a cotton ball and a small tomato ca	an occupy similar
volumes but vary greatly in	
2. If you pour different liquids into a graduated cylind	or the liquidation of
layers based upon differences in the	ier, the figures will form
3. Which layer of liquid would settle on the bottom?	of each liquid.

Name _____ Date ____

Skills Worksheet

lame	Class	Date
Directed Reading A continued		
4. Where will the least dense ${f l}$	iquid be found?	
5. Why would I kg of lead be l feathers?	less awkward to carry	around than 1 kg of
6. What will happen to a solid than water when it is dropp	object made from ma	itter with a greater density
17. How will knowing the densi object made from that mate	ity of a substance help rial will float in water	o you determine whether an
8. What is the equation for der	_	·
9. What do D , V , and m stand in	for in the equation for	density?
	-	•
20. The unils for density take th	ne form of a mass wit	divided by a(n)
21. What are two reasons why of substances?		perty for identifying

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PHYSICAL CHANGES DO	O NOT FORM NEW SUBSTANCES
trange that only af	fects the physical properties of a substance is
known as a(n)	
23. What kind of changes	are melting and freezing?
dentify which of the follow	wing activities represent physical changes by writing t
hat do not.	ney cause only physical changes by writing less that we have a second only physical changes. Put an X beside any
24. sanding a piece	of wood
25. baking bread	
26. crushing an alu	Minum con
27. melting an ice c	
28. dissolving sugar	
29. molding a piece	
ATTER AND PHYSICAL C	
. When a substance unde	ergoes a physical change,
its	does not change
. What is changed when r to explain your answer.	matter undergoes a physical change? Give an exampl