Name		Da	ite	Hour	Table
Directions: Fill in the diagram below using word Change		ds from the word bank. ges to Matter		*dissolv	*burning cal changes ing *melting ynthesis *rusting
Physical	changes		4.		
examples				exam	l oples I
1.			5.		
2.			6.		
3.			7.		

Directions: Circle the term in parentheses that correctly completes each sentence.

- **8.** When matter undergoes a physical or chemical change, the amount of mass (changes / stays the same)
- **9**. All chemical reactions result in the production of a new substance and involve a change in (energy / volume).
- **10**. Some changes cannot be (repeated /reversed).
- 11. Photosynthesis is an example of a (physical / chemical) change that almost all living things rely on.

and Its Properties ns: On the line before each definition, write the letter of the term	m that matches it correctly.
12. anything that has mass and takes up space	A. liquid
_ 13 . a state of matter with a definite shape and volume	B. mass
	C. physical property
14 . a state of matter with a definite volume but no definite shape	D. volume
	E. gas F. solubility
15 . a state of matter that does not have a definite volume or a definite shape	G. chemical property
·	H. solid
16 . the amount of matter in an object	I. weight
17. temperature at which liquid changes to a gas	J. flammability
	K. matter
18 . the amount of space an object occupies	L. density
10 temperature at which a solid changes to a liquid	M. boiling point
19 . temperature at which a solid changes to a liquid	N. melting point
20 . a characteristic of a material that can be observed without changing the identity of the material	O. physical change
21. a characteristic of a material that can be observed as the machanges into a different substance	aterial reacts with or
22 . the ability of one material to dissolve in another	
23. the ability to burn easily	
24 . the gravitational pull on an object	
25 . the mass per cubic volume of a substance	
26. any change in matter in which the identity of the matter is	not changed

Name______Date_____Hour___Table____

Name	DateHourTable
Directions: Circle the correct answer to each question record the page number where you found the answ	
27 . The melting point of gold is 1064°C. Which of the following could describe gold?	31. An old car is left outside in the rain. Over a period of time rust begins to form. This is an example of what?
A. gas at 1000°C B. liquid at 1000°C C. liquid at 1100°C D. solid at 1100°C	A. irreversible chemical changeB. reversible chemical changeC. irreversible physical changeD. reversible physical change
28. Ten grams of one substance reacts with 20 g of another substance. What is true about the materials after the reaction?	32 . A solid that forms as a result of a chemical reaction between two liquids is a
 A. The mass of the materials is less than 30 g. B. The mass of the materials is more than 30 g. C. The mass of the materials is exactly 30 g. 	A. mineral B. precipitate C. solute D. supernate
D. It is not possible to determine the mass of the mixture.	33. According to the law of conservation of mass, what is true in a chemical reaction?
29. The force of gravity on the Moon is about 1/6 as strong as the force of gravity on Earth. Identical balls are placed on the Moon and the Earth. Which is true?	A. Matter cannot be created or destroyed; it can only change formsB. Matter can be created and destroyed, but it cannot change
A. The ball on the Moon weighs 1/6 as much as the ball on Earth.B. The ball on the Moon weighs 6 times as much as the ball on Earth.	forms. C. The mass of the products is always less than the starting mass of the reactants.
C. The ball on the Moon weighs 36 times as much as the ball on Earth.D. Both balls weigh the same.	D. The mass of the products is always more than the starting mass of the reactants.
30. Which is an example of a chemical change?	34. Which is an example of a physical change?
A. breaking a bottleB. cooking an eggC. cutting carrotsD. freezing water	A. baked bread risingB. metal rustingC. water boilingD. wood burning

D. freezing water

Name	Date	HourTable			
Content Practice Directions: On the line before each change, wr	ite P for physical change or	C for chemical change.			
1. glass melting	6. leaves char	iging color			
2. wood burning	7 . sugar disso	7. sugar dissolving			
3. bread baking	8 . oxygen bed	8. oxygen becoming liquid			
4. water vapor condensing	9. silver tarnishing				
5. iron rusting	10 . carving a p	10 . carving a pumpkin			
Directions: Some changes can be reversed—ot change that is reversible. Put an X on the line b					
11 . making water into ice					
12 . hard-boiling an egg					
13 . dissolving salt in water					
14 . breaking a window					
15 . scorching fabric		00			
Directions: Use the diagram to answer the que 16 . The pictures show particles of water in thre Which state is shown in each picture and h	ee different states of matter.	A			
Picture A shows water as a	I know this b	ecause			
Picture B shows water as a	I know this bed	cause			
Picture C shows water as a	I know this h	C			
FICTURE C SHOWS WATER AS A	I KIIOW UIIS DO	cause			