Name	Class	
Skills Worksheet)		
Directed Read	ing A	
Directed Mead	ilig A	
Section: What Is Ma	atter?	
MATTER		
1 What unit would	I you use to measure the a	mount of water in a lake?
a. grams (g)	c. mete	
b. liters (L)		liters (mL)
2. What unit would	you use to measure the v	olume of soda in a can?
a. centimeters (c	-	
b. grams (g)		liters (mL)
3. What characteristic do a	a human, hot soup, the me	tal wires in a toaster, and
	eon sign have in common	•
4. What is matter?		
4. What is matter:		
4. What is matter:		
MATTER AND VOLUME		
MATTER AND VOLUME 5. What is volume?		
MATTER AND VOLUME 5. What is volume?		
MATTER AND VOLUME	cannot sha	are the same space at the
MATTER AND VOLUME 5. What is volume?	cannot sha	are the same space at the
MATTER AND VOLUME 5. What is volume? 6. Things with same time.		<u>-</u>
MATTER AND VOLUME 5. What is volume? 6. Things with same time. 7. To measure a volume of		nder, you should look at the
 MATTER AND VOLUME 5. What is volume? 6. Things with same time. 7. To measure a volume of bottom of the curve at the curve	water in a graduated cyling water in a graduated cyling he surface of the water cal	nder, you should look at the
 MATTER AND VOLUME 5. What is volume? 6. Things with same time. 7. To measure a volume of bottom of the curve at the 	water in a graduated cyling water in a graduated cyling he surface of the water call	nder, you should look at the
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 MATTER AND VOLUME 5. What is volume? 6. Things with same time. 7. To measure a volume of bottom of the curve at the 8. The volume of solid objection 	water in a graduated cyling water in a graduated cyling he surface of the water calling. cts is commonly expressed units.	nder, you should look at the lled ed
 MATTER AND VOLUME 5. What is volume? 6. Things with same time. 7. To measure a volume of bottom of the curve at the 8. The volume of solid objection 	water in a graduated cyling water in a graduated cyling he surface of the water calling. cts is commonly expressed units.	nder, you should look at the lled
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MATTER AND VOLUME 5. What is volume? 6. Things with	water in a graduated cyling he surface of the water called the water calle	nder, you should look at the lled ed ume of rectangular solid?
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MATTER AND VOLUME 5. What is volume? 6. Things with same time. 7. To measure a volume of bottom of the curve at the 8. The volume of solid objectin 9. What three dimensions are processed to the processed of the curve at the	water in a graduated cyling he surface of the water called the water calle	nder, you should look at the lled ed ume of rectangular solid?

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Name	Class	Date
Directed Reading A continu	ıed	
11. Why can you express the in cubic units?	e volume of the gold nugget	measured by this method
NATTER AND MASS		
12. The amount of ma	atter in an object is its	
a. volume.	c. meniso	eus.
b. length.	d. mass.	
13. The SI unit of mas	ss is the	
a. newton.	c. kilogra	
b. liter.	d. pound.	
14. The SI unit of wei	ght is the	
a. newton.	c. kilogra	m.
b. liter.	d. pound.	
 a. a mass of 100 g b. a volume of 1 m c. a mass of 1,000 d. a mass of 100 g 	n ³ on Earth. g on Earth. on Earth.	-9
HE DIFFERENCE BETWEEN		
or each description, write wh	ether it applies to mass or t	o weight.
17.	is always constant no matt located.	er where the object is
18.	is a measure of the gravita	tional force on an object.
19.	is measured using a spring	scale.
20.	is expressed in grams (g), l or milligrams (mg).	kilograms (kg),
21.	is expressed in newtons (N	J).
22.	is less on the moon than or	n Earth.
23.	is a measure of the amount	of matter in the object.

Nar	me	Class	Date	
D	irected Reading A continued			
INI	ERTIA			
**************************************	24. The tendency of an object ta. massb. gravitationc. inertiad. weight	o resist a ch	hange in motion is known as	}
25.	What is needed in order to cause a motion to change its direction or sp		rest to move, or an object in	l
26.	How does mass affect the inertia of	f an object?	?	
27.	Why is it harder to get a cart full of	potatoes m	noving than one that is empt	y?