Directed Reading A	Nume Skills Worksheet)
	Cluss
	Dute

Section: What Is Matter?	
What Is	
Matter?	
	- 1

NumeDute	Name
	ected Reading A continued
Directed Reading A	11. Why can you express the volume of the gold nugget measured by this method
Section: What Is Matter?	in cubic units?
MATTER	
1. What unit would you use to measure the amount of water in a lake?  a. grams (g)  c. meters (m)	MATTER AND MASS
	a, volume.  c. meniscus
ı use to measuı	
b, grams (g) d. millilters (mL)	of mass is the
do a human, hot soup,	b. liter. d. pound.
Control of the contro	of weight is the
4. What is matter?	a. newton. c. kilogram. b. liter. d. pound.
	<ul><li>15. One newton is equal to the weight of an object that has</li><li>a. a mass of 100 g on the moon.</li></ul>
MATTER AND VOLUME 5. What is volume?	b. a volume of 1 m³ on Earth. c. a mass of 1,000 g on Earth. d. a mass of 100 g on Earth.
AND THE PROPERTY OF THE PROPER	16. What is the only way to change the mass of an object?
6. Things with cannot share the same space at the	
same tune. 7. To measiff a volume of water in a graduated cylinder, you should look at the	
bottom of the curve at the surface of the water called	THE DIFFERENCE BETWEEN MASS AND WEIGHT
the	For each description, write whether it applies to mass or to weight.
8. The volumn of solid objects is commonly expressed	17. is always constant no matter where the object is
inunits.	located.
<ol><li>What three dimensions are needed to find the volume of rectangular solid?</li></ol>	18, is a measure of the gravitational force on an object.
	19. is measured using a spring scale.
VOLUME OF AN IRREGULARLY SHAPED SOLID OBJECT	
10. How collif the volume of a gold nugget be found using water and a graduated cylinder?	21. is expressed in newtons (N).
	23. is a measure of the amount of matter in the object
Copyright O by High, Elinebart and Winston, All rights reserved.	Copyright O by Holl, Blackard and Wanton, All rights reserved
The Properties of Matter	Holt Science and Technology 2 The Properties of Matter