

Name:	KEY	Period:	Date: 8<i>B</i>0/16
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Measurement in Science

<u>Directions:</u> Read pages 39 to 44 in your Interactive Science textbook. Answer the following questions from your book.

	D 1 -	
A	Back	ground
		7

1. What system do scientists use to measure? Metric System

B. Length

Question

Answer

2.What is the basic unit used for length?	meter
3.What is one lab tool used to measure length?	ruler
4. 1 meter = how many centimeters? (hint: use side boxes)	100 cm

C. Mass

5.What is the basic unit used for mass?	Kilograms
6. What is one lab tool used to measure mass?	balance /scale
7. 1 kg = how many grams? (hint: use side boxes)	1,000 g

D. Volume

8. Write the definition of volume	Amount of space an objector Substance takes up.
9. What is the basic unit for volume?	cubic meter 193
10. What tool is used to measure volume of liquid?	graduated cylinder

E. Density

11. Write the definition of density.	how much mass in a given vo	ume
12.What is the basic unit for density?	a/cm³ or Ka/m³	

