Name	Class	Date	
Skills Worksheet			
Directed Reading	g B		
	,		
Section: Organizing Yo CREATING A DATA TABLE	our Data (pp. 50-55)		
 A. a. Choose a topic. b. Gather information c. Create a data table d. Analyze data. 	on.	p to take in orgar	nizing data?
b. Draw conclusionsc. Miss information	ng should you do beformation is going to sabout the information that might be importantion after it is gathe	be gathered. n before it is gath nt.	
3. A factor that is deliberately independent variable.	changed in an experir	nent is called a(n	1)
4. Where do you find the inde	pendent variable in a d	lata table?	
5. The factor that changes as a $a(n)$ dependent variable	a result of manipulatio	n and is measure	ed is called
6. Where do you find the depe	endent variable in a dat	ta table?	
Variable and Controlled Param			
7. What is the difference between			parameters?
Controlled parameters are factors to Variable parameters are factors to Variable parameters are factors to Variable parameters.			
CREATING A GRAPH			
8. Graphs make it easy to do v			
Identify trends and make pro	edictions		

Name		_ Class	Date
Direct	ed Reading B continued		
Match t provide	he correct description with the d.	correct term. W	rite the letter in the space
c. axis I. independent variable	mark the borders of a graph Tariable 10. usually represented by the x-axis in a	a. rangeb. dependent variablec. axisd. independent	
	data table		
a acada	12. found by subtracting the sr variable from the largest variable13. is the size used for each bo	alue of the same	a dete noint
	on a graph 14. plotted by putting a dot on pair of data in the table	Ü	
f. line of best fit	15. shows how data differ from smooth line drawn to incluall of the data points		t
16. The	last step when creating a grap	oh is giving the g	graph a(n)
<mark>a</mark>	t two things do scientists ofter legend showing the independent variable description.		titles of their graphs?