Name:	Date:	Period:
Graphing Skill #	6: Creati	na Titles
-		
When writing a title for you graph, please rer Must communicate the dependent and indep		
Can be presented in the form "Y versus X"	***************************************	
Some graphs need more explanation than other understand what your data represent	hers. Make sure y	our reader would be able to
SAMPLE: A farmer wants to know if there is a	relationship betv	veen the amount of fertilizer (in
kilograms) she uses and how tall her corn grows	s (in centimeters).	Sanakia kadanaan Carra
Corn Height vs. Amount		ionship between Corn nt and the Amount of
of Fertilizer	_ `	Fertilizer Used
Com Height (cm)	Com Height (cm)	
inda	T ig	l
H	DR 🖺	
<u> </u>	S	
Amount of Fertilizer (kg)	Amo	unt of Fertilizer (kg)
Graph 1: A ball is dropped from several		ndle was burned under glass
distances above the floor (in meters) and the		t volumes (in mL) to see if the
height it bounces is then measured (in	volume of the j	ar affects the length of time (in
centimeters).	seconds) the ca	ındle burns.
-		
Bounce Height (cm)	Candle Burn Time (s)	
Hand I was a second of the sec	15	
H .	Jum 3	
oo u	dle I	
B _M	Can	
Di ()	1	Jar Volume (mL)
Distance Dropped (m)		· · · · · · · · · · · · · · · · · · ·
Graph 3: A fisherman used fishing lines of		logists wanted to know if there
several different gauges (test pounds) and		ship between the density of a
recorded the number of fish caught on each	rock and how many meters down it was	
gauge.	collected from	•
		1
in the state of th		
Ö	y/cm	
f Fis	Density (g/cm²)	
O I	ens	
Number of Fish Caught		
Z		
Line Strength (test pounds)		Depth of Collection (m)

Name:	Date: Period:	
Graph 5: Is there a relationship between the numbers of hours a student studies and the score s/he gets on the weekly quiz?	Graph 6: A scientist studied the relationship between amount of rain (in cm) and the numbers of zebra babies born each spring.	
Weekly Quiz Score	Baby Zebras Born	
Time Spend Studying (hr)	Amount of Rain (cm)	
Graph 7: Do longer pendulums (measured in cm) have higher frequencies (measured in Hertz)?	Graph 8: Does the grade point average that a student earns in college depend on his/her SA' score from high school?	
Frequency (Hz)	College GPA	
Pendulum Length (cm)	High Scholl SAT Score	
Graph 9: How does the depth of a river (in meters) impact its speed (measured in meters per second)?	Graph 10: Sea otters were counted over a number of years to see if their numbers were decreasing over time.	
River Speed (m/s)	Number of Sea Offers	
River Depth (m) Graph 11: Does the length of time an ice cube	Year	
is in water (in seconds) affect the temperature of the water (in degrees Celsius)?	Graph 12: Does the amount of nitrogen in the soil (measured in kilograms) affect corn production (measured in kilograms)?	
Temperature of Water (degrees Celsius)	Com Production (kg)	
Time in Water (s)	Amount of Nitrogen (kg)	