		Kev	/	OPEN-UP	GRADE 6 MATHEMATICS
NAME			ATE	PERIOD	61
Unit 8, Lesson 2	2: Statist	ical Qu	estions		126
1. Sixth-grade students w	ere asked, "Wh	nat grade are	you in?" Explain	why this is <i>not</i>	a statistical
question.	All a	are in	6 gv	ide no	variabilit
2. Lin and her friends wer trip. Select <b>all</b> the ques	tions that are s	statistical que	estions.		
A. How far are we from B. What is the most post of the control of	o of 4 people ty	pically spend	on ice cream at	this shop?	ne no variabili
3. Here is a list of question are statistical question:		tudents and t	eachers at a sch	ool. Select <b>all</b> 1	he questions that
B. What is the most p	asa students at	++and2 - NO	variability	F <sub>V</sub>	
C. How many matrice	eachers are in t	the strioon	100	) }	
D What is a common E About how many h F How do students u	nours of sleep o	do students g	enerally get on a	school night?	
4. Here is a list of statistic question? For numerical					
a. What is a typica <b>l</b> ho	erical - h	reight	in inches	or cm.	
b. Are most adults in	the school foo	tball fans?	Categorica	1 data	- yes, no

c. How long do drivers generally need to wait at a red light in Washington, DC?

NAME

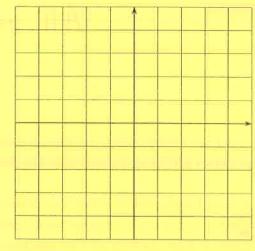
DATE

PERIOD

5. Describe the scale you would use on the coordinate plane to plot each set of points. What value would you assign to each unit of the grid?

a. 
$$(1, -6)$$
,  $(-7, -8)$ ,  $(-3, 7)$ ,  $(0, 9)$  —  $ONE S$ 

c. 
$$(\frac{-1}{3}, -1), (\frac{2}{3}, -1\frac{1}{3}), (\frac{-4}{3}, \frac{2}{3}), (\frac{1}{6}, 0)$$
  $\frac{1}{3}$  5 or  $\frac{1}{6}$  5



(from Unit 7, Lesson 13)

6. Noah's water bottle contains more than 1 quart of water but less than  $1\frac{1}{2}$  quarts. Let w be the amount of water in Noah's bottle, in quarts. Select all the true statements.

A. w could be 
$$\frac{3}{4}$$
.  $\mathbb{N}$ 

A. 
$$w$$
 could be  $\frac{3}{4}$ .  $N0$ 

B.  $w$  could be 1.  $N0$  more than 1

C.  $w > 1$  yes

D.  $w$  could be  $\frac{4}{3}$ . Yes  $\frac{11}{3}$ 

$$C. w > 1$$
 yes

D. 
$$w$$
 could be  $\frac{4}{3}$ . Yes  $\frac{113}{4}$   
E.  $w$  could be  $\frac{5}{4}$ . Yes  $\frac{113}{4}$ 

E. w could be 
$$\frac{5}{5}$$
. Ve S 174

E. w could be 
$$\frac{5}{4}$$
.  $\sqrt{25}$   
F. w could be  $\frac{5}{3}$ .  $\sqrt{25}$ 

G. 
$$w > 1.5$$
  $\Lambda D$ 

(from Unit 7, Lesson 9)

7. Order these numbers from least to greatest:

(from Unit 7, Lesson 7)

