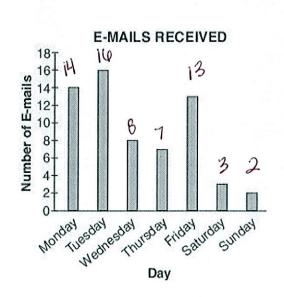
	Ctudo	
	Stude Class	1) traticality of Vnoha helpton (tudo faciola)
	Date:	Rict
		9all
	1. W	hich of these can be considered a statistical question?
	Α	What is today's date? These will only 'can be answered
	B.	How wide is Main Street? have one by collecting data
	C.	What color is the fire truck that is parked in the garage? Contains variabilit
	(D)	What is the number of pets owned by each of the students in a
		classroom? This data will contain variability
		student will ask his classmates one survey question. Which of the following is a statistical estion that should result in varied responses?
	A	What is the length of a meter stick in centimeters?
	В.	What is the total number of feet in 8 yards? What is the sum of the digits in your telephone number?
	D.	What is the total number of eggs in 5 dozen?
	3. Tir	mothy is writing a survey. How could Timothy ask a statistical question?
	Α	He could ask his younger sister how many toys she has.
	В.	He could ask each person in his class who the tallest person in the / This wer class is.
	0	He could ask each member of his family what their favorite color is. $ ag{aried}$ answers
	D.	He could ask his teacher what the highest grade she has ever given
		was. I one correct answer nich statistical question will have the least variability? How many pets does each sixth grade student own? Athough there will be variability in the pets owned data, the pets owned by an individual will
	4. W	nich statistical question will have the least variability?
	A	How many pets does each sixth grade student own? How many movies has each sixth grade student seen? Anta, the pets own. by an individual with
Nonco)	/B.	How many movies has each sixth grade student seen? How many songs does each sixth grade student download? NORMALLY FAU WITH
These	(c.	How many songs does each sixth grade student download? MOKIMACH PARTIES
Migh	D.	How many hours does each sixth grade student spend playing video
yary,	١	games?
10	\w\.	Class variability.
MINIC	(*)	

5.		ali's class conducted surveys of the 6th grade students most likely result in data with little or no variability?	
	Α	What is your height?	
	B.	What is your shoe size?	school lunch
4	(C)	How many minutes is your lunch break at school?	breaks are
	D.	How many minutes does it take you to get to school?	decided by administration. Most students answers will
			accided by north street
^	01	oth	most students answers Will
6.	Stuc	dents in the 6 th grade were asked the following question.	111031 >100-01102 011 11
			be the same.
	In w	hat year was George Washington elected president?	
	Why	y is the question not a statistical question?	
	A	It is about only one person.	
1	B	It has only one correct answer.	
		#####################################	
	C.	It is not about a current event.	
	D.	It would be answered with an opinion.	
		ξ	
7.	Meg	gan asked her friends how many pets they own. She created	the data set below from their answers.
			dian
		2, 3, 3, 4, 4 4, 5,	the miaure
		2, 3, 3, 4, <mark>4)</mark> 4, 5,	5, 6 andian- vieta,
			mounts in h
	Whic	ch question could be answered by studying the distribution	of the data set? NUMPER (3)
		1	the data set below from their answers. dian 5, 6 median = the middle of the data set? number(s) in a set a data, when organized how beast to greatest
	A)	What is the median number of pets?	Clara) in areatest
\	P	What is the mean number of dogs? \rightarrow We don't K	now longt to
)	Ь.	What is the mean number of dogs! —7 110 c.o	od of
-	-C.	What are the ages of the pets? What kin	100 07 100 1
	D	What is the number of cats? Det 0.710	h student
)	D.	What is the number of cats!	has)
D	۸ -	tudant and usta a summer of the much or	of note owned by students
ο.	AS	tudent conducts a survey of the number ich representation could not be used to f	or pets owned by students.
	VVII		
	(A)	a box plot Can't find th	
		a line plot mean of a	data
	B.	a lifte plot	
	C	a stem-and-leaf plot Set USIN	7 7
	C.	a stem-and-leaf plot	alof because
	D.	a bar graph	does not sive on all of the
		it (does not XIIV.
		14	ou all of the
		U	numberc
			VIIIIVV

9. Ms. Wong recorded the number of e-mails she received each day last week and displayed the data in the graph below.



mean - add each data point. Divide the sum by how many numbers there are.

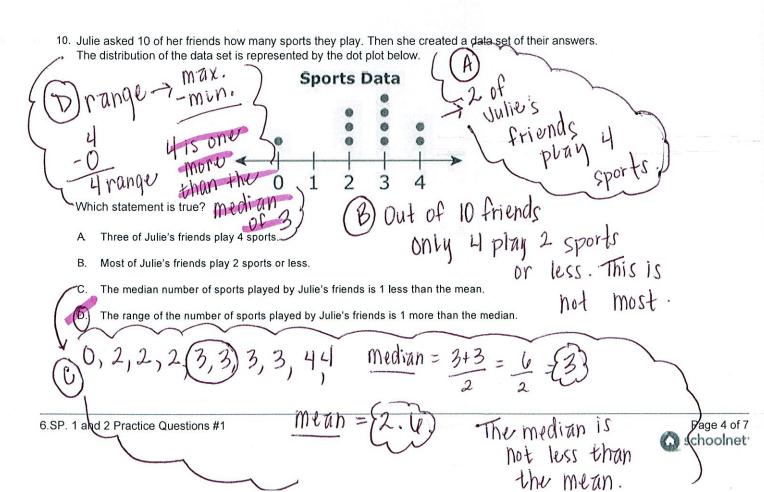
$$14+16+8+7+13+3+2=\frac{63}{7}=9$$

What is the mean of the set of data?

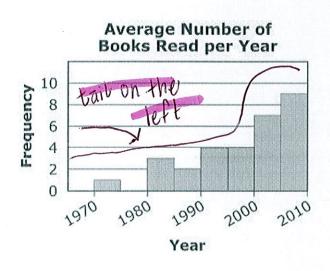


C. 14

D. 16



11. Below is a histogram showing the average number of books Dan read each year from the time he was 10 until he was 50.



Meaning it tends to have a long tail on one side or the other.

Which answer is an accurate description of the graph? On the right = right

A Normally distributed

CKewyd

- B Skewed left
- c. Skewed right
- D. Bimodal
- 12. The manager of a toy store made a table to find out when customers were buying more hula hoops.

Hula Hoop Sales

Month	Number Sold
September	100
October	112
November	124
December	136
January	72
February	88
March	99
April	109
Мау	115

124 134

The data steadily increases, drops, then increases

reflected or

the line graph answer

Which graph best represents the overall shape of the distribution of the data in the table?

