	2v 2. II.	Date:	I	-Ir:
us Que	ay 3: How Likely	is		
2	stion. How ao I answe	r the toughest ACT question	ons?	
	ACT Trick:			
Top	olan a new amusement	park, a team of coaster des	igners asked riders if the	ey preferred wood or s
ıı aı	ne roller coasters. The	table shows the preference	s of the kids and adults	surveyed.
		Prefer Wooden Frame	Prefer Steel F	rame
	Kids	45	60	105
	Adults	15	20	35
		100	80	
3.	,	refer steel frame coasters?  57.17.  prefer steel frame coasters	?	
6.	The ACT will put numbe	ers that meet the "times" pa	rt of the statement and	-
6.	The ACT will put number attention to the word _	ers that meet the "times" pa	rt of the statement and laut you will not be fooled	-
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6.	The ACT will put number attention to the word	ers that meet the "times" pa	rt of the statement and list you will not be fooled relative frequency).	l! If you read the word
6. B. Prac	The ACT will put number attention to the word	ers that meet the "times" particle. I have been steel from the percent (or colate Ice Gream	rt of the statement and last you will not be fooled relative frequency).	-
6. B. Prac	The ACT will put number attention to the word	ers that meet the "times" particle.  For you will find the percent (or colate Ice Gream	art of the statement and But you will not be fooled relative frequency).  Vanilla Ice Gream 200	l! If you read the word
6. B. Prac	The ACT will put number attention to the word	ers that meet the "times" particle.  From the percent (or percent)  Colate Ice Gream  100  25	art of the statement and But you will not be fooled relative frequency).  Vanilla Ice Gream  200  50	Total 75
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🚌 graders at Lincoln Junior High were surveyed about how they get home from school.

	Male	l'emale	Total
Walk	42	46	88
Car	20	20	40
Bus	15	12	27
Bike	52	17	69
Total	129	95	224

3. Mandy's teacher asked her to make a true statement about the two way table. She said That boys and girls are equally likely to be car riders. Explain her error(s) in reasoning.

1) Two way tode of how students get home from school

bays vs girls-car bays vs girls 20, 15.6% 20, 21%.

2) We are told that boys and girls are equally "likely" to be a carriler 3) Mondy's mistake is that she ignored the word likely and saw that there was the Some amount, but that doesn't mean they

The Final ACT Question to Complete Two-Way Frequency Tables:

10

Ithy-six children were asked to choose which of three after school activities they would like their school to offer. The results are in the two way table below.

Computer Games Watch Movies Read Total Cliria 22 10 **Boys** 11

Select each of the following statements that is true.

Total

a) More boys were surveyed than girls.

b) Boys and girls are equally likely to choose watching movies

d) Girls are more than twice as likely to choose reading as boys.

e) Fewer than half the students chose computer games [ 56 student 56