Two-way frequency table

Class	
Junior	
Attend	Scho
Not Attend 33	School Play

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Two-way frequency table

		Class		
		Junior	Senior	
Scho	Attend	37	34	
School Play	Not Attend	33	54	

Two-way frequency table

		Class	
		Junior	Senior
Scho	Attend	37	34
School Play	Not Attend	33	54

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A marine biologist measures the monthly growth (in centimeters) of coral that are found both inside and outside the lagoon of an island. The data are organized in the two-way table shown. Is there an association between coral growth and location?

				Coral Growth (centimeters)	(centimeters)	
Inside 22 28 Outside 20 31			0.01-0.29	0.30-0.49	0.50-0.69)
Outside 20 31	tion	Inside	22	28	31	
		Outside	20	31	34	

Loca

- a. There appears to be an association with lesser growth occurring inside the lagoon.
 b. There appears to be an association with greater growth occurring outside the lagoon.
 c. There appears to be an association with greater growth occurring inside the lagoon.
 d. There does not appear to be an association between growth and location.

1



the nearest percent, only once. Use the two-way table to match each description with its value. Use each value, rounded to

nary	Spelling Words Dictionary	How You Look Up Online		
	nary 20	136	15-21	

c. 77%	b. 43%	a . 18%	Spelling Words	How You Look Up Online	
			Dictionary	Online	
			20	136	15-2

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31% 57%

percent of 35-41 year olds in the survey that look up spelling words online

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Use the two-way table to match each description with its value. Use each value, rounded to the nearest percent, only once.

a. 18% d. 31%	How You Look Up Online Spelling Words Diction	Online Dictionary	15-21 136 20	35-41 50 66
18%	How You Look Up C Spelling Words I	nline ictionary	136 20	50 66
	a. 18%			d. 319

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18% 43% 77%

given that a person looks up words in a dictionary, the conditional relative frequency that he or she is 35-41 years old

ExamView

the nearest percent, only once. Use the two-way table to match each description with its value. Use each value, rounded to

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Spelling Words	How You Look Up Online		
Dictionary	Online		
20	136	15-21	Age
66	50	35-41	je

18% 43% 77% <u>о</u>

31% 57%

percent of 15-21 year olds in the survey

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the nearest percent, only once. Use the two-way table to match each description with its value. Use each value, rounded to

a. 18% b. 43% c. 77%	Spelling Words Di	How You Look Up Online		
	Dictionary	nline		
	20	136	15-21	Age
d. 31% e. 57%	66	50	35-41	;e

percent of people in the survey that look up words in a dictionary

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