

Name: _____

Relative Frequency Table

Relative frequency tables contain an additional column that lists the frequency of each value, value range, or category in relation to the size of the data set. Relative frequency can be given as a decimal or a percent.

To find the relative frequency, divide standard frequency by the total size of the data set.

Move the decimal two places to the right (i.e., multiply by 100) to convert to percent.

Decimals should add up to 1. Percents should add

Sizes of Pizzas Ordered Before Noon		
Size	Frequency	Relative Frequency
small	16	$16 \div 50 = 0.32$ or 32%
medium	23	$23 \div 50 = 0.46$ or 46%
large	11	$11 \div 50 = 0.22$ or 22%



Preview

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contacts	8		
nothing	48		
Total:			

2.

First Pet	Frequency	Relative Frequency	
cat	7		
dog	11		
fish	3		
rodent	4		
Total:			

Name: _____

Relative Frequency Table

Use the data to fill in the tables. Give each relative frequency as both a decimal **and** a percent.

3. Remi collected the ages of his little brother's friends.

6, 6, 5, 6, 7, 7, 6, 5, 6, 6, 5, 6, 5, 5, 6, 7, 6, 6, 6, 6

Age	Tally	Frequency	Relative Frequency	
5				
6				
7				
Total:				



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Books	Tally	Frequency	Relative Frequency	
0-1				
2-3				
4-5				
6-7				
8-9				
10-11				
Total:				

ANSWER KEY

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To find the relative frequency, divide standard frequency by the total size of the data set.

Move the decimal

Sizes of Pizzas Ordered Before Noon		
Size	Frequency	Relative Frequency
small	16	$16 \div 50 = 0.32$ or 32%

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Total: 25

ANSWER KEY

Relative Frequency Table

Use the data to fill in the tables. Give each relative frequency as both a decimal **and** a percent.

3. Remi collected the ages of his little brother's friends.

6, 6, 5, 6, 7, 7, 6, 5, 6, 6, 5, 6, 5, 5, 6, 7, 6, 6, 6, 6

Age	Tally	Frequency	Relative Frequency
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