

Name: _____

Relative Frequency Table

As long as one row of a relative frequency table is complete, you can use your knowledge of percents to fill in missing data in other rows.

- 1** To find the data set size, divide a known frequency by the decimal form of its known relative frequency. Move decimals two places to the left (i.e., divide by 100) to convert percents to decimals.

- 2** To find relative frequency, divide frequency by the data set size. Move the

Most Worn Button on Game Controller		
Kind	Frequency	Relative Frequency
up	164	$164 \div 400 = 0.41$ or 41%
down	72	18%
left	$400 \times 0.22 = 88$	22%
right	$400 - 324 = 76$	$100\% - 81\% = 19\%$



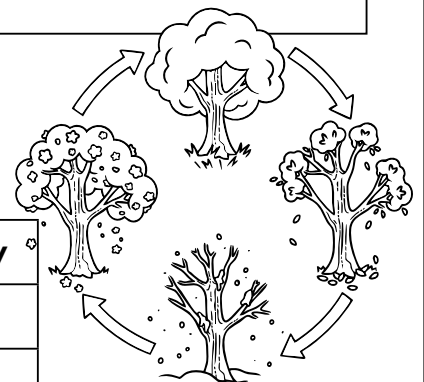
Preview

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Calculate the missing data to complete each table.
Give relative frequencies in whichever form the table uses.

1.

Season Born	Frequency	Relative Frequency
spring		
summer	52	
fall	62	0.31
winter		0.23

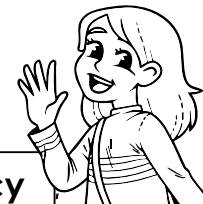


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Relative Frequency Table

2.

Dinner Vote	Frequency	Relative Frequency
Chinese	4	16%
Greek		12%
Japanese	5	
Indian		28%
Mexican	6	



3.

Countries Visited	Frequency	Relative Frequency
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A cartoon superhero with brown hair, wearing a red suit with a blue cape and a shield emblem on his chest, flying through the air.

Preview

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4.

Heights (cm)	Frequency	Relative Frequency
135–139	12	
140–144		0.20
145–149		0.32
150–154	75	0.25
155–159		
160–164	9	

ANSWER KEY

Relative Frequency Table

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Most Worn Button on Game Controller		
Kind	Frequency	Relative Frequency
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ANSWER KEY

Relative Frequency Table

2.

Dinner Vote	Frequency	Relative Frequency
Chinese	4	16%
Greek	3	12%

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155–159	48	0.16
160–164	9	0.03