

# Relative Frequency

1) Cassandra has a spinner with the numbers 3, 6, 9, and 12 on it. She spun the spinner 80 times and recorded how often each number appeared. Complete the table, and answer the questions.

Number on Spinner	Frequency	Relative
3	8	
6	32	
9	24	
12	16	

i) Determine the relative frequency of landing on the

# PREVIEW

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2) Lily's Smooth popular smoo

Smoothie Flavor	Frequency
Strawberry	14
Mango	
Chocolate	
Vanilla	

3) A pet adoption center below. Complete the t

Pet Type	Number of People /	Relative Frequency
Dogs	48	
Cats	42	
Fish	30	

Cassandra spun the spinner 400 more times, predict how many times it would land on the number 9 based on the current trend.

the most \_\_\_\_\_  
 \_\_\_\_\_ who prefer

ii) If the number of people surveyed increases to \_\_\_\_\_ would \_\_\_\_\_ would \_\_\_\_\_ current distribution.

is shown in the table below.  
 i) Find the relative frequency of people who prefer dogs \_\_\_\_\_

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increases to 600, then approximately \_\_\_\_\_ would be expected to prefer fish based on the current distribution.