

MATH170U33  
Analyzing Data With Graphs, Sampling  
Question 9

*For example:* If there were 200 letters in the paragraph, and the letter “a” was used 20 times, then the total number of “a’s” that occurred in the paragraph would be 20 and the percent of all the letters that are “a” would be figured using the proportion  $\frac{20}{200} = \frac{n}{100}$ . Solving the proportion, the occurrence of “a” in the paragraph would be 10% of all the letters. For the letter “a”, you would state “a”, 20, and 10%.

<b>Sample 1</b>			
<b>Letter</b>	<b>Tally</b>	<b>Number</b>	<b>Percent</b>
<b>a</b>			
<b>b</b>			
<b>c</b>			
<b>d</b>			
<b>e</b>			
<b>f</b>			
<b>g</b>			
<b>h</b>			
<b>i</b>			
<b>j</b>			
<b>k</b>			
<b>l</b>			
<b>m</b>			
<b>n</b>			
<b>o</b>			
<b>p</b>			
<b>q</b>			
<b>r</b>			
<b>s</b>			
<b>t</b>			
<b>u</b>			
<b>v</b>			
<b>w</b>			
<b>x</b>			
<b>y</b>			
<b>z</b>			
<b>Total</b>			