

Names: _____

Date: _____

Worksheet: How Many Vowels?

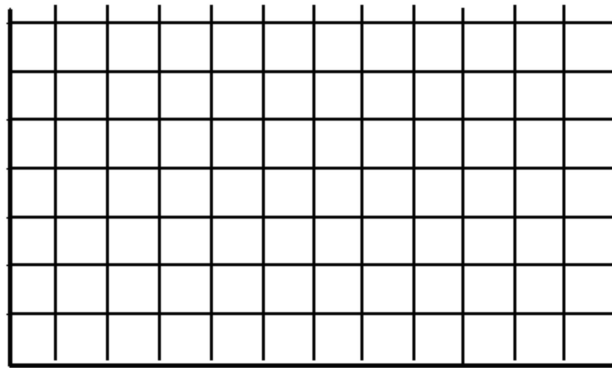
group size: four people

materials required: scissors, tape, crayons or colored pencils, ruler

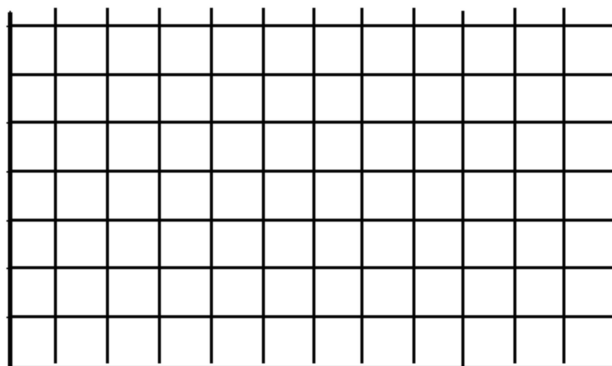
Complete the table below of how many vowels are in the full (first and last) name of each person in your group.

Person's full name	Number of vowels
1)	
2)	
3)	
4)	

Make a bar graph below to represent the same information. For each vowel in that person's name, color in one square. Use a different color for each person. Label each axis. Label each bar.



Make a second copy of the bar graph, so you can cut it apart the copy and still have your original. You do not need to label the axis.



Can you think of two reasons why it would be inappropriate to make a line graph out of this bar graph? Explain.

*Hints: On a line graph, the x-axis points must have some sort of inherent ordering.
Also, on a line graph every location on the line is supposed to represent a possible data point.*

Make a pie chart by

- cutting out the bars in the copy of the bar graph
- taping the bars together into a long strip, like train cars
- taping the ends of the strip together to make a circle
- centering this circle on the empty pie chart below
- drawing the spokes and then coloring and labeling the appropriate sections with both amounts and percentages

