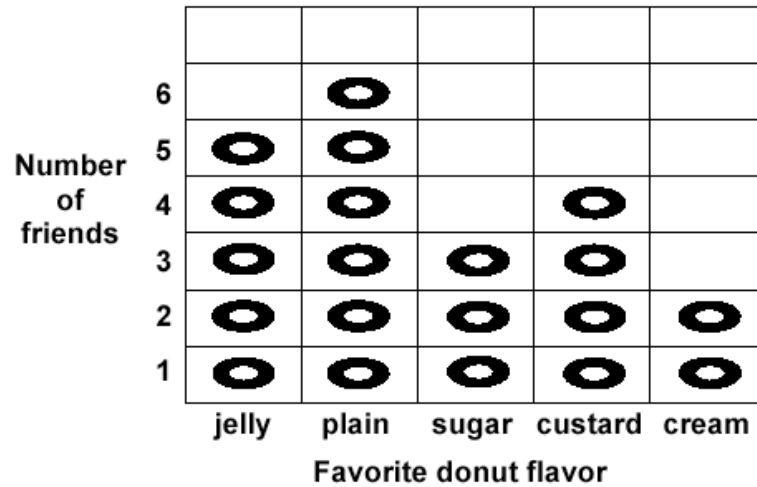


Name _____

The Donut Party

Sally and her friends are planning a donut party. She does a survey to find out which kind of donut each friend likes the best. This graph shows what she found.



1. Which is the most popular donut? _____
2. Which is the least popular donut? _____
3. How many more people like jelly donuts than sugar donuts? _____
4. How many friends did Sally survey? _____
Explain how you figured this out.

5. Sally wants each of her friends to have 3 of their favorite donuts.

a) How many custard donuts should she buy? _____
Show how you figured this out.

b) The shop only has 15 of each donut flavor. This creates a problem for Sally. Explain what Sally's problem is.

c) Sally sees that the shop also offers maple bars. She decides to survey her friends again, hoping this will solve her problem. Explain one change in a vote that could solve this problem.

The Donut Party	Grade 4	Rubric	
<p>The core elements of performance required by this task are:</p> <ul style="list-style-type: none"> describe parts of the data and the set of data as a whole to determine what the data show about the questions <p>Based on these, credit for specific aspects of performance should be assigned as follows</p>			
1. Gives correct answer: plain	1		1
2. Gives correct answer: cream	1		1
3. Gives correct answer: 2	1		1
<p>4. Gives correct answer: 20</p> <p>Gives a correct explanation such as: I added all of the numbers: $5 + 6 + 3 + 4 + 2$</p> <p>With the correct answer accept: I counted all of the numbers.</p>	1		2
<p>5a. Gives correct answer: 12 and Shows work such as: 4×3</p>	1		2
<p>5b. Gives a correct explanation such as: Sally cannot buy 18 plain donuts, because the shop only has 15. Accept the shop does not have enough plain donuts.</p>	1		1
<p>5c. Correctly explains that one of the plain donut voters could pick maple bars (or anything besides jelly), which would keep all the totals to 15 or fewer or each type.</p>	1		1
Total Points			9