## Process Standards Rubric 

Data Analysis and Probability

|  | $\ggg$ | $\gg$ | $\rangle>$ | $\ggg$ | $\gg$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\rangle \gg$ | $\gg$ | $\rangle \gg$ | $\ggg$ | $\gg$ |
|  | $\rangle \gg$ | $\rangle \ggg$ | $\rangle>$ | $\ggg$ | $\gg$ |
|  | $\rangle \gg$ | $\rangle \ggg$ | $\rangle \gg$ | $\rangle \gg$ | $\gg$ |
|  | $\rangle \gg$ | $\rangle>$ | $\rangle \gg$ | $\ggg$ | $\rangle>$ |
|  | $\rangle \gg$ | $\rangle>$ | $\rangle \ggg$ | $\ggg$ | $\rangle>$ |
|  | $\rangle \gg$ | $\rangle \ggg$ | $\rangle \ggg$ | $\ggg$ | $\rangle \gg$ |
|  | $\ggg$ | $\ggg>$ | $\rangle \gg$ |  | $\gg$ |
|  | $\rangle \gg$ | $\ggg>$ | $\ggg>$ |  | $\gg$ |
|  | $\rangle \gg$ | $\gg$ | $\rangle \gg$ |  | $\ggg$ |
|  | $\rangle \gg$ | $\rangle>$ |  |  | $>$ |
|  | $\ggg$ | $\ggg$ |  |  | $\gg$ |
|  | $\rangle \gg$ | $\ggg$ |  | $\bigcirc$ | $\gg$ |
|  | $\ggg$ |  | $\rangle$ | $\ggg$ | $\gg$ |
|  | $\ggg$ |  | $>$ | $\ggg$ | $\rangle>$ |
|  | $\rangle>$ |  | $>$ | $\ggg$ | $\gg$ |
|  | $y \gg$ |  | $\ggg$ | $\ggg$ | $\rangle \gg$ |
|  |  |  | $\rangle \gg$ | $\ggg$ | $\gg$ |
|  |  |  | $\rangle>$ | $\ggg$ | $\rangle>$ |
|  |  | $\rangle \gg$ | $\rangle>$ | $\ggg$ | $\gg$ |
|  |  |  |  |  |  |
|  |  | joord Å 8ิu!̣useวy :て TVOD |  <br> :६ TVOD | $\begin{gathered} \text { suo!̣эวuиoう } \\ : † \text { TVOY } \end{gathered}$ |  |

NAME:


## Task Sheet 13

13) Damario, Elonzo, Felippe, and Victorio all took shots on the goal for the men's soccer team. They made their shots from: $9,12,2,5,9,14,3,3,1,4,9,3,6,8,7,3$ feet.

Kalle, Akira, Sabre, and Lanelle took shots on the goal for the women's soccer team. They made their shots from:
$14,12,9,5,5,4,2,1,12,5,3,6,8,9,5,4$ feet.
Label and plot these distances in a Scatter plot graph below for the men and the women. Use circles for the men and triangles for the women. Then, answer the questions belo

a) How many shots were taken 4 feet from the goal?
b) How many players made the shot 9 feet from the goal?
c) Is there a correlation between the shots made and the distance from the goal?
$\square$
$\square$
d) Is the correlation weak or strong?
e) Is the correlation positive or negative?


## Review C

All 260 students at Pamela's school were surveyed on their favorite type of snack. The results were:
Chips 55

Cookies 25
Granola Bars 16
Fruit 39
Yogurt 16
Candy 42
Chocolate 67
On a separate piece of paper, show this information in two differ nt ty s of graphs. Answer the following questions for both graphs.
a) What two graphs did you choose to re, eseni he nformgion above and why?
b) Which snack varschos in mat? The least?
c) What inferencon you make from the information gathered in the survey?
d) What percentage of students chose yogurt and fruit for their snack?


## Bar and Pictograph - ○○○○ •••••• ••••

In Berryville, residents grow blueberries. The Phan's grow 752 blueberry bushes. The Edgar's grow 350 blueberry bushes. The Martel's and the Vanderbilt's both have $\mathbf{8 0 0}$ blueberry bushes. The Caspian's and the McDougal's have 500 blueberry bushes each.

Create a bar graph and a pictograph to display
 this information.


Key:

