## Process Standards Rubric 

Data Analysis and Probability

|  | $\rangle \gg$ | $\gg$ | $\rangle \gg$ | $\rangle \gg$ | $\gg$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\rangle \gg$ | $\gg$ | $\ggg$ | $\ggg$ | $\gg$ |
|  | $\rangle \gg$ | $\ggg>$ | $\rangle>$ | $\ggg$ | $\rangle>$ |
|  | $\rangle \gg$ | $\rangle \ggg$ | $\rangle>$ | $\ggg$ | $\gg$ |
|  | $\ggg$ | $\rangle>$ | $\rangle \gg$ | $\ggg$ | $\gg$ |
|  | $\ggg$ | $\gg$ | $\ggg$ | $\ggg$ | $\gg$ |
|  | $\ggg$ | $\rangle \ggg$ | $\ggg>$ | $\ggg$ | $\ggg$ |
|  | $\ggg$ | $\ggg>$ | $\rangle \gg$ |  | $\gg$ |
|  | $\rangle \gg$ | $\ggg>$ | $\ggg>$ |  | $\gg$ |
|  | $\ggg$ | $\rangle>$ | $\rangle \ggg$ |  | $\ggg$ |
|  | $\ggg$ | $\rangle>$ |  |  | $\rangle$ |
|  | $\ggg>$ | $\ggg$ |  |  | $\rangle>$ |
|  | $\rangle \gg$ | $\ggg$ |  | $\bigcirc$ | $\gg$ |
|  | $\ggg$ |  | $\rangle$ | $\ggg$ | $\gg$ |
|  | $\ggg$ |  | $>$ | $\ggg$ | $\rangle>$ |
|  | $\ggg$ |  | $\rangle$ | $\ggg$ | $\rangle>$ |
|  |  |  | $\ggg$ | $\ggg$ | $\rangle \gg$ |
|  | , |  | $\rangle \gg$ | $\ggg$ | $\rangle>$ |
|  |  |  | $\rangle>$ | $\rangle \gg$ | $\rangle \gg$ |
|  |  | $\ggg>$ | $\ggg$ | $\ggg$ | $\gg$ |
|  |  |  |  |  |  |
|  | $\begin{aligned} & \text { Su! ios urgoid } \\ & \text { :I TVOJ } \end{aligned}$ | jooxd スจ ภิu!̣uoseวy :て TVOD | $\begin{gathered} \text { ио!̣еэı!иишшоว } \\ \text { ع TVOD } \end{gathered}$ | $\begin{gathered} \text { suо̣̣эәииоэ } \\ \vdots \text { TVOD } \end{gathered}$ |  |

## Task Sheet 2

2) Roman and Sofia grew grapes on 325 acres. Boris and Elvira also grew grapes, but only had 205 acres. Catarina and Marcos grew the fewest number of grapes on 85 acres of land.
a) Create a pictograph with a title, a key, and include
 all the information above in your graph.

b) Write two observations about your graph once it is complete.
c) Write two questions that can be answered from the data in the graph.
$\qquad$
$\qquad$

NAME:


## Drill Sheet 2

An outlier is a number that is significantly different from the rest of the grouping of numbers.

The following goals were scored at a basketball game.
The goals were scored at $1: 56,2: 18,2: 35,3: 19,4: 12,4: 48,1: 56,3: 22$, and 12:23.
a) What is the mode?
b) What is the median?
c) What is the range?
d) What is the mean?
e) Which time is the outlier?
f) Calculate the mean, medid ang, na node without the outlier.

Mean
Median
Mode
Range
g) Explain how excluding the outlier changes the data. Is it a significant change. Why or why not?
h) How can you explain the outlier?
$\qquad$
$\qquad$

## Mean, Median and Mode

Survey the class about how many hours they play video or computer games per week.
a) Finish creating the tally sheet then record the data collected.

| Computer <br> and Video <br> Game time | Mon | Tue | Wed | Thur | Fri | Sat | Sun |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


b) Create two graphs that represent the data.

c) What is the mean of the time spent on games weekly?
d) What is the mode of time spent on games weekly?
e) What is the median of time spent on games weekly?
f) What is the range of time spent on games weekly?
g) What is the percentage of time spent on games weekly?
h) Which day of the week do more students play games on?
$\square$
$\square$
$\square$

