

Name: \_\_\_\_\_

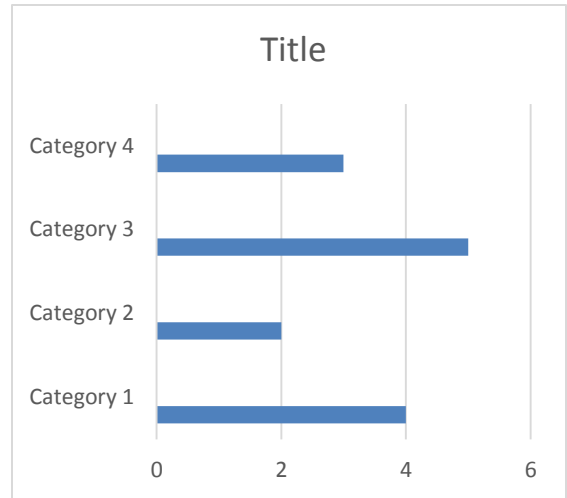
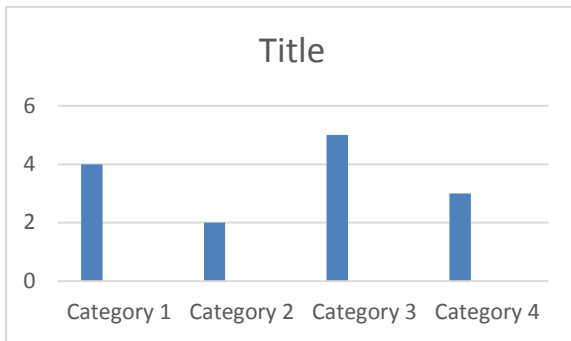
Test Date: \_\_\_\_\_

## Data Study Guide

### Graphs

#### Bar Graph

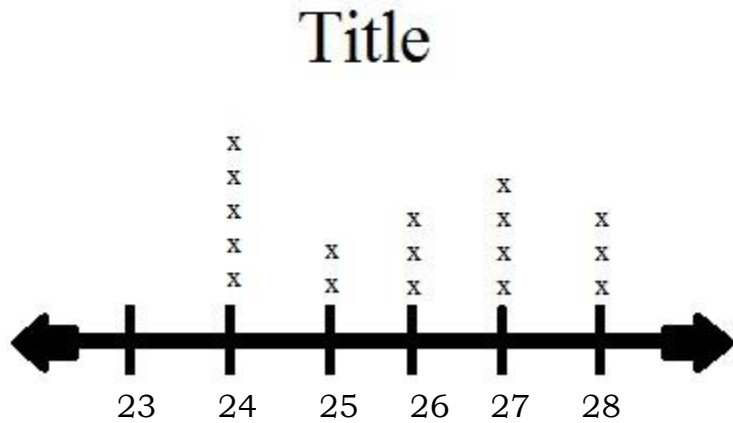
Horizontal or vertical bars used to compare categories.



#### Line Plot

Shows varying amounts of a given thing.

X represents a person



#### Picture Graph

Like a tally chart, but with a picture key at the bottom representing a given amount.

T-shirts Collected	
Grade Level	Number of T-shirts Collected
K	
1	
2	
3	
4	
5	
10 t-shirts =	

## **Things to know**

Data can be collected and organized through surveys, polls, & questionnaires.

Data can be displayed in different types of graphs depending on the data.

Know what bar graphs, picture graphs, and a line plots are.

Know how to construct each of the graphs.

Be able to draw conclusions from graphs and charts.

Be able to tell the greatest, least, and items that have the same amount.

\*Practice creating and answering questions with each type of graph.

\*Be able to prove your observations with data from the graph.

## **Be able to describe which graph is to be used.**

Bar graph – To compare different things.

Line Plot – To show varying amounts of one thing.

Picture Graph – To either compare or show varying amounts.