Algebra 1: 1.2 Guided Notes – Day 1　　　　　　Name _____ Period _____
Analyzing and Sorting Graphs
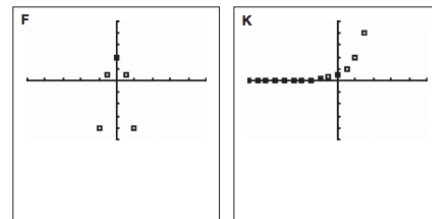
<u>**Problem 2 – I Like the Way You Think (Page 28)**</u>

1. What do these two graphs have in common?

   These graphs are made up of only *dots* or
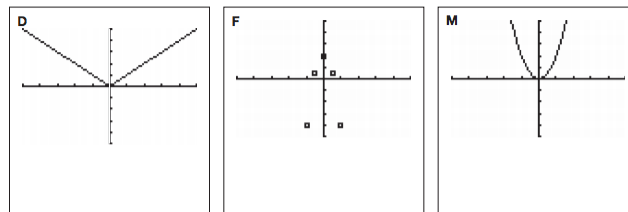
   _____.

   This type of data can be _____ , like the

   number of students in a class or the number of jelly beans

   in a jar.

   When the data points are *connected* by a line, the data is _____. This type of

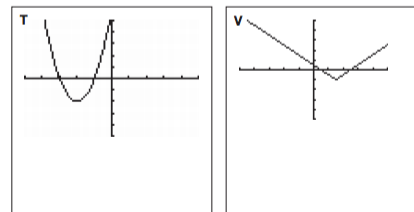   data can be _____ and take on a range of values, such as height, weight, etc.

2. Why are these five graphs grouped together?

   These graphs have _____

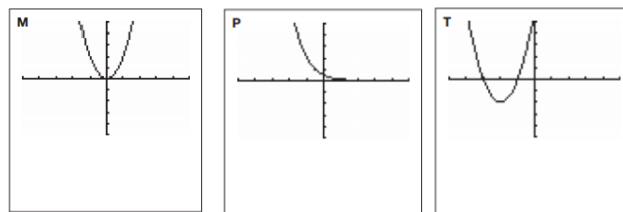   _____.

   Draw a vertical line through the middle of

   each graph so the image is the same on both

   sides.

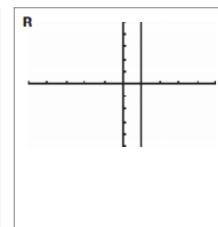   Do the graphs have horizontal symmetry? Why
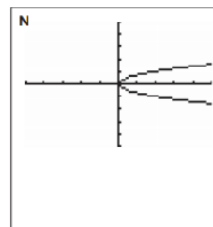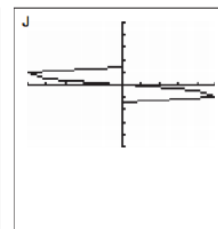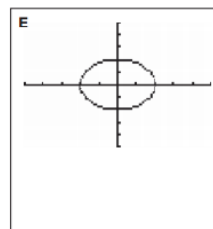
   or why not?

3. True or False? These graphs are grouped together

   because each graph only goes through two quadrants.

   Explain your reasoning.

   The lines and curves on all these graphs extend

   beyond what we can see. How far do they go?

4. **Why are these four graphs grouped together? What do you notice about the graphs?**

These graphs fail the _____

_____.

E

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