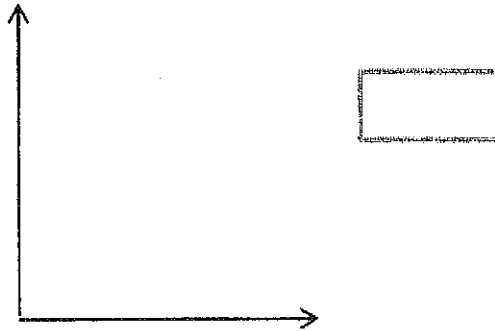


Name: _____
Per: _____ Date _____

Graphing Practice

Part 1: Label the parts of this Graph using the words from the word bank:

IV	DV	X-Axis	Y-Axis	Title	Key
----	----	--------	--------	-------	-----



Part 2: Apply your knowledge by telling whether a **line** or **bar** graph would be used for the quantitative data in each experiment below. Justify your choice!

1. Susan studied fossils at different heights on a cliff by her house. She should use a _____ graph because _____.
2. John's science fair group investigated the effect of various recycled products on plant growth for a month. He should use a _____ graph because _____.
3. Student volunteers were timed as to how long it took them to tie their shoes. The class should use a _____ graph because _____.
4. Marcie tested the time it takes for three different liquids to begin boiling. She should use a _____ graph because _____.
5. Steven tested the effect of different brands of ice skates on the speed of skaters. He should use a _____ graph because _____.
6. A school principal studied standardized test scores of her students over the course of 5 years. She should use a _____ graph because _____.
7. iTunes did a study on which types of music are purchased by different consumer age groups. They should use a _____ graph because _____.

Name: _____

Per: _____ Date _____

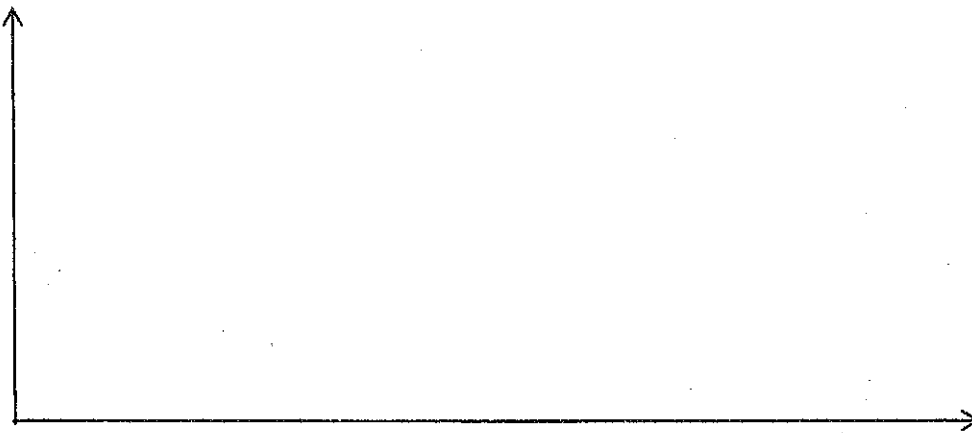
Part 3: Practice your graphing skills with the following scenarios. Be sure to use your Flipbook to help you!

Line Graph Practice:

Create a line graph using the data below. **Hint:** You will have to make 3 lines on the same graph - one for each type of light.

The Effect of Colored Light on Height of a Plant (cm)

Day	Red Light	Blue Light	Regular Light
1	2	1	3
4	5	2	6
7	6	4	8
10	8	5	10



Bar Graph Practice:

Create a bar graph using the data below. **Hint:** Cluster the 3 trials for each type of ball together.

The Effect of Ball Type on Height of Ball Bounce (cm)

Ball Type	Tennis ball	Golf Ball	Ping Pong Ball
Trial 1	25	28	31
Trial 2	26	23	22
Trial 3	18	20	21

