**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**MONDAY**

**Part I: Vocabulary**

survey table bar data axis

1) We use bars to show data in a \_\_\_\_\_\_\_\_\_\_\_\_ graph.

2) You can collect data to display in a graph by conducting a

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

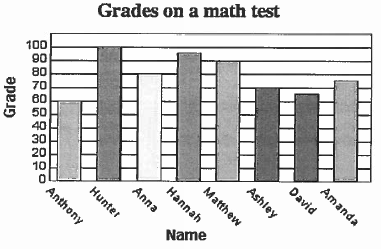
3) Information collected in a survey and then displayed in a graph is called

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

4) Before I create my graph, I can organize data using a

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Part II: Parts of a bar graph**

****Directions: Using the graph below, identify the following parts of a bar graph.

1) Circle the **title** of the graph

2) Put a box around the **axis labels**

3) Choose any color and shade the **bars** that show the **data**

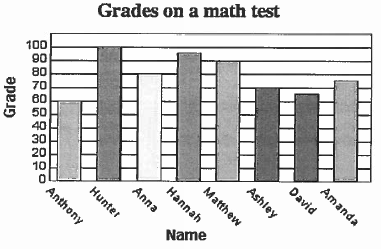
4) Put a star by the **scale**. What **increment** is the scale counting by? \_\_\_\_\_

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**Bar and Line Graph HW**

**TUESDAY**

**Part I: Analyzing (understanding) a bar graph.**

****

5. What scores did Hannah receive on her test? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. How much higher did Matthew score than David? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. What is the combined score for Anthony, Hunter, and Ashley?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. How many students took the test? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Part II: Analyzing (understanding) a bar graph.**

Directions: Use the graph from Part I to answer the questions below. Write true (T) or false (F) for each of the following based on the information in the graph.

1. \_\_\_\_\_\_\_\_\_ Anna scored twenty points more than Anthony.

2. \_\_\_\_\_\_\_\_\_ Ashley scored thirty points less than Matthew.

3. \_\_\_\_\_\_\_\_\_ Hunter and Hannah had the two highest scores in the class.

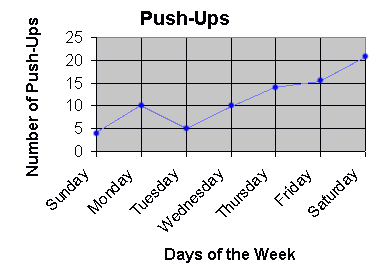
4. \_\_\_\_\_\_\_\_\_ There is a larger difference between Hunter and Anna’s test scores than between Matthew and Anthony’s.

5. Write a TRUE statement comparing David and Hannah’s test scores.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**WEDNESDAY**

**Part I: Analyzing a Line Graph**

****

1) What is the scale counting by? \_\_\_\_\_\_\_

2) Which day had the most push ups? \_\_\_\_\_\_

3) What is the **trend** of the data between Tuesday and Saturday? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4) How many more push ups were done on Saturday than on Monday and Tuesday combined? \_\_\_\_\_\_\_

5) Create your own question using the line graph above:

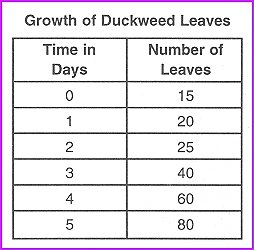
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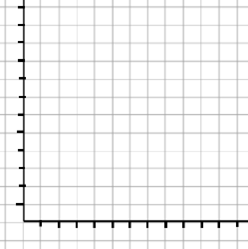
**THURSDAY**

**Part II: Create a Line Graph**

Directions: Use the data chart below to create a line graph. Be sure to use a straight edge to connect the data points.



Be sure to include: title, axis labels, categories, and data points



What is the **trend** of the data over time? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_