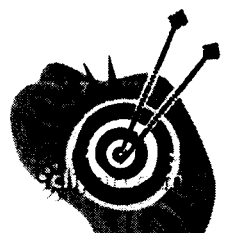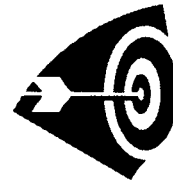Name:_____   Unit:_____

I can...	I can do it, and I don't need help.	I can do it with help.	I can't do it, and I need help
1. I can identify and develop numerical and categorical variables.			
2. I can gather, organize, graph, and analyze data.			
3. I can create a bar graph.			
4. I can create a point graph.			
5. I can interpret bar graphs.			
6. I can interpret point graphs.			
7. I can use patterns in data tables and graphs to make predictions.			
8. I can plot points on a coordinate grid.			
9. I can find the median of a data set.			
10. I can measure length in inches and centimeters.			

Unit 1 Learning Target #1: Numerical Variables

Directions: Circle the <u>Numerical</u> Variables

Favorite color	Favorite Sport	Number of pets
Age	Favorite Ice Cream	Number of siblings
Blocks live from school	Height	Favorite Subject

Directions: Circle the <u>Categorical</u> Variables

Favorite color	Favorite Sport	Number of pets
Age	Favorite Ice Cream	Number of siblings
Blocks live from school	Height	Favorite Subject

Choose one **numerical** variable: _____ What are possible values for that variable:

Choose one **categorical** variable: _____ What are possible values for that variable:

Unit 1 Learning Target #2: Analyze Data

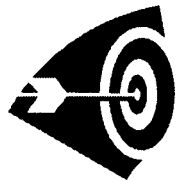**Directions:** Answer the following questions based on the data table.

1. Which day was the hottest? _____

Temperatures In NY City	
Day	Temperature
1	43° F
2	53° F
3	50° F
4	57° F
5	59° F
6	67° F

2. Which day was the coolest? _____

3. Predict what the temperature will be on day 7. _____

Name _____ # _____

Unit 1 Learning Target #3: Bar Graphs

Directions: Create bar graphs using the provided data.
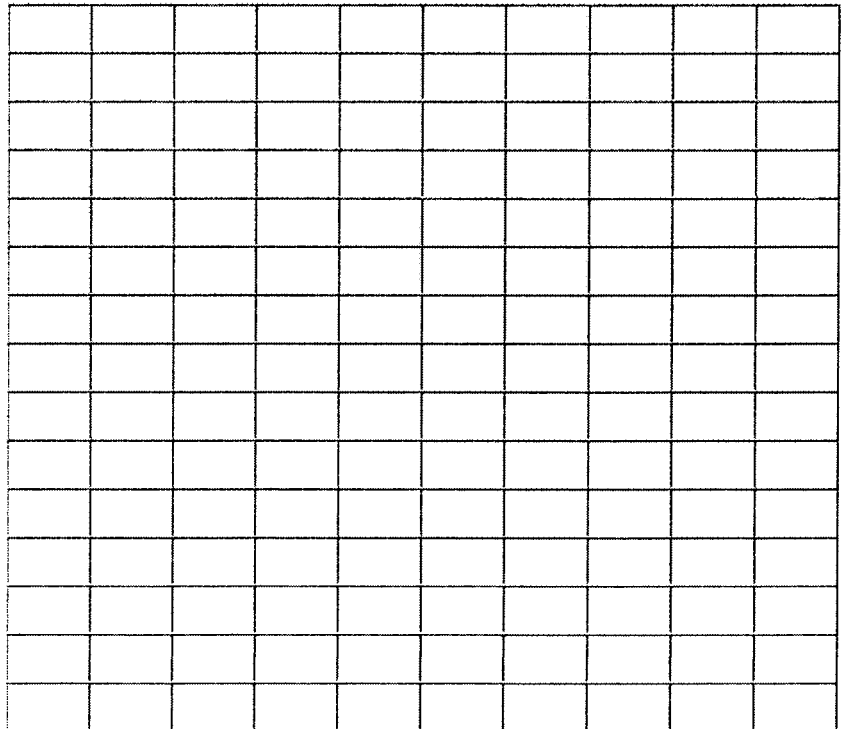
<u>Number of Papers Bobby Delivered</u>
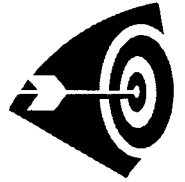
Monday- 73

Tuesday- 52

Wednesday- 62

Thursday- 81

Friday- 94

Unit 1 Learning Target #4: Point Graphs

Directions: Create a point graph using the provided data.

<u>**Number of Papers Bobby Delivered**</u>
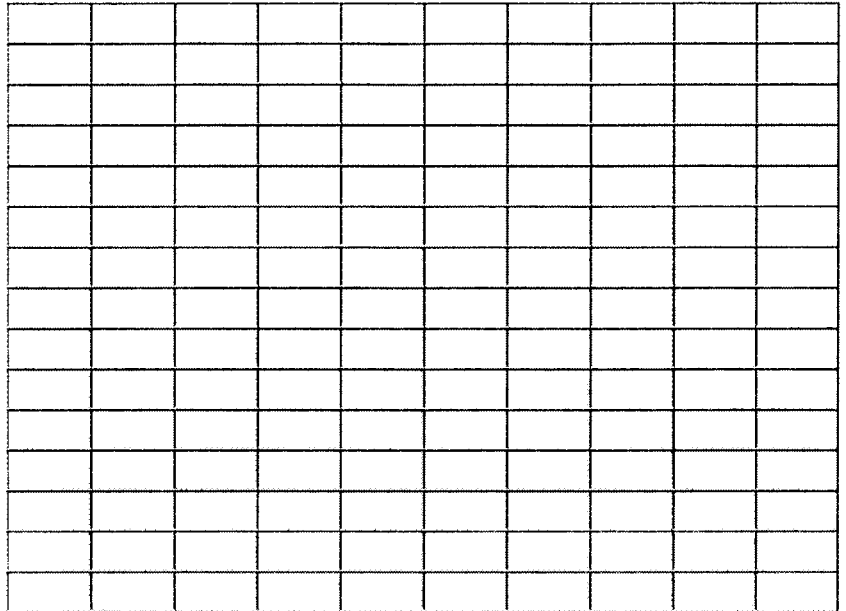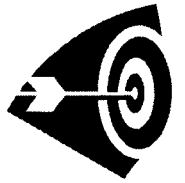
Monday- 73

Tuesday- 52
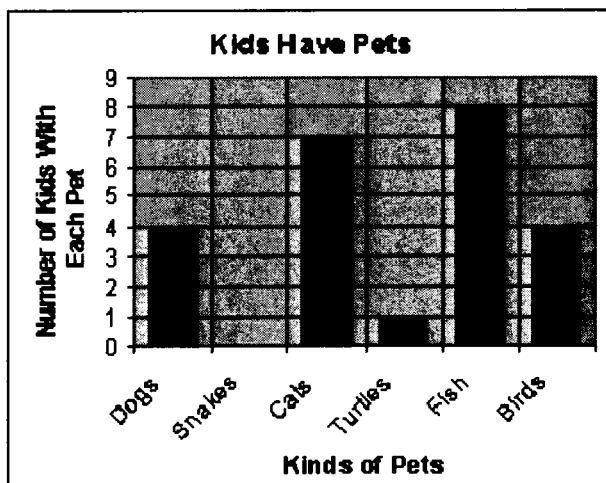
Wednesday- 62

Thursday- 81

Friday- 94

Unit 1 Learning Target #5: Bar Graphs

Directions: Answer the following questions using the provided Bar Graph.

Kids Have Pets

Number of Kids With Each Pet

9
8
7
6
5
4
3
2
1
0

Dogs   Snakes   Cats   Turtles   Fish   Birds

Kinds of Pets

1. How many kids have fish for a pet? _____

2. Which pet is the most popular? _____

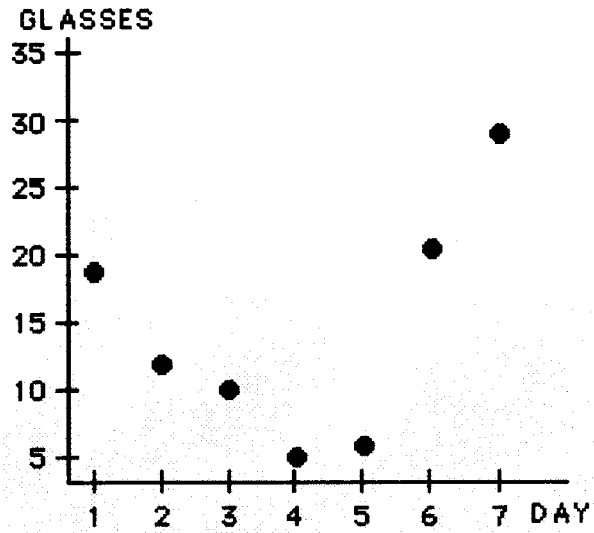3. Which pet is least popular? _____

Unit 1 Learning Target #6: Point Graphs

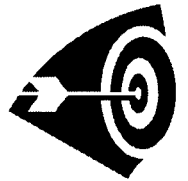**Directions:** Answer the following questions using the provided Point Graph.

GLASSES

1. How many glasses were used on day 1? _____

2. How many glasses were used on day 3? _____

3. Which day were the most glassed used? _____

Name _____ # _____

Unit 1 Learning Target #8: Median
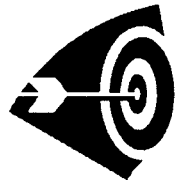
Directions: Find the Median for the set of data

(48, 42, 45, 46, 47, 40, 49)	(60, 47, 84, 57, 31)	(1, 8, 2, 4, 1, 0, 6)
_____		

Target #9: Measure length in inches and centimeters.

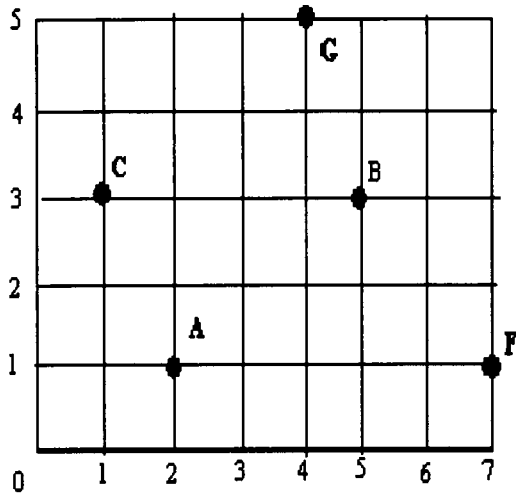**Directions:** Measure the dotted line to the nearest **inch** and **centimeter**.

- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - -	- - - - - - -
_____	_____	_____

Unit 1 Learning Target #10: Coordinates
Directions: Answer the following questions based on the coordinate grid.

1. What coordinates is point A located at?

_____

2. What point is at (4, 5)? _____

3. Plot point D at (4, 2)