



# The M&M's of Math



Name \_\_\_\_\_

Directions: Count the number of M&M's of each color given to you and fill in below. Then, find a friend and write down their results.

Name	# Red	# Blue	# Green	# Yellow	# Brown	# Orange
1.						
2.						

1. List the combined scores for you and your friend in order from least to greatest:

2. What is the mean?

3. What is the median?

4. What is the mode?

5. What is the range?

Directions: Now, go find two more classmates to get their results and fill in the chart below

②

Name	# Red	# Blue	# Green	# Yellow	# Brown	# Orange
3.						
4.						

1. List the combined scores for you and your 3 classmates in order from least to greatest:

2. What is the mean?

3. What is the median?

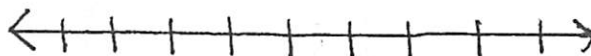
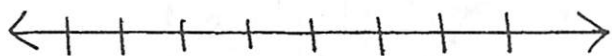
4. What is the mode?

5. What is the range?

--When finished you may eat and enjoy your M&M's!--

) Dot Plot

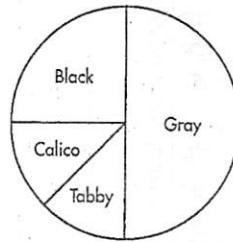
② Dot Plot



### Lesson 11.3 Reading Circle Graphs

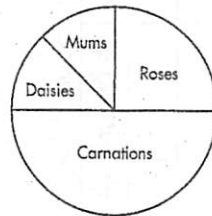
A **circle graph** is used to show the relationship of the parts of a group to the whole group. The circle represents the whole group and the sections represent the parts. The circle graph at the right shows the different-colored cats at a cat shelter. On a given day at the shelter there are 16 cats. Eight are gray, 4 are black, 2 are calico, and 2 are tabby.

**Colors of Cats at the Animal Shelter**



The Floral Shop received 40 orders in one day. The distribution is shown in the circle graph.

**Orders at The Floral Shop**



- Which were the most popular flowers? \_\_\_\_\_
- How many orders were for roses? \_\_\_\_\_
- How many orders were for mums? \_\_\_\_\_
- How many orders were for carnations? \_\_\_\_\_
- How many orders were for daisies? \_\_\_\_\_

An order of roses costs \$30, an order of daisies costs \$18, an order of mums costs \$15, and an order of carnations costs \$15.

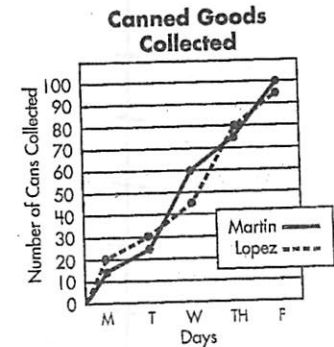
- How much money was made from selling roses? \_\_\_\_\_
- How much money was made from selling daisies? \_\_\_\_\_
- How much money was made from selling mums? \_\_\_\_\_
- How much money was made from selling carnations? \_\_\_\_\_
- What was the total amount of money made from selling all of the flowers in one day? \_\_\_\_\_

### Lesson 11.2 Reading Line Graphs

Mrs. Martin's homeroom and Mr. Lopez's homeroom had a canned food drive. The **line graph** shows how many cans were collected after each day.

On Monday, how many more cans did Mr. Lopez's class collect than Mrs. Martin's class?

Mr. Lopez's class collected 5 more cans than Mrs. Martin's class on Monday.



Use the line graph above to answer the following questions.

- On Monday, whose homeroom collected the most cans? \_\_\_\_\_
- On Tuesday, how many cans did Mr. Lopez's homeroom collect? \_\_\_\_\_
- On which day was the difference between the number of cans collected by each homeroom the greatest? \_\_\_\_\_
- Which homeroom collected the most cans on that day? \_\_\_\_\_
- How many cans were collected by both homerooms on Tuesday? \_\_\_\_\_
- On what day did Mrs. Martin's homeroom bring in the most cans? \_\_\_\_\_
- On what day did Mr. Lopez's homeroom bring in the most cans? \_\_\_\_\_
- On what day did Mrs. Martin's homeroom bring in the least number of cans? \_\_\_\_\_
- On Wednesday, how many cans were collected by both homerooms? \_\_\_\_\_
- How many cans were collected by both homerooms during the week? \_\_\_\_\_