

## Health – M&M Math

prep time = 10 minutes + shopping  
activity time = 15 minutes  
Colorado Math Standards 3.3, 6.1

### CASAS Competencies:

- 6.0.2 - Count and associate numbers with quantities, including recognizing number sequencing
  - 6.1.1 – Add whole numbers
  - 6.1.2 – Subtract whole numbers
  - 6.1.3 – Multiply whole numbers
  - 6.7.2 – Interpret data given in a bar graph
  - 6.9.2 – Estimate answers
- CCAs: no specific CCAs are addressed with this activity

### Skills for Children:

Fine motor skills (handling M & Ms, coloring, using a spinner)  
One-to-one correspondence (creating bar graph)  
Sorting by color  
Counting

### Supplies Needed:

1. snack size bags of M & Ms or larger size bag divided into paper cups (approximately 1 tablespoon of candy per cup)
2. crayons or markers
3. blank number lines
4. operations spinner (see sample) or cube (see pattern provided)
5. brass brads and jumbo sized paperclips to make the spinner
6. 2-3 copies of the direction page

### Vocabulary:

blue	brown
red	orange
yellow	spinner or cube
green	operation
predict	spin or roll
subtract	multiply
divide	graph
count	compare
sort	guess

### Notes:

Some programs may wish to avoid chocolate due to allergies. The game and graph chart can be modified to use Skittles or other colored food items.

For best pricing on individual bags of candy, shop the after holiday sales. Sealed, wrapped candy can be frozen for up to three months without loss of flavor.

ABE/GED students can write questions with multiple choice answers about their graphs and exchange them to solve with their classmates.

## M & M Math

1. I estimate (guess) there are \_\_\_\_\_ M & Ms in my cup or bag. I predict there will be more \_\_\_\_\_ than any other color.
2. Sort the candies by color. Put the candies in the appropriate column on the color chart. Color the graph with one square per candy.
3. Write the total number of candies by color below the color word.
4. Use the operations spinner or cube to create math problems for people at your table. (If the problem is too hard for someone, have others help.)
5. Write the math problems created below. Be sure to write the answers too.
6. After 9 problems are written and solved, it's time to eat. Count the candies as you eat them.

**Math Problems and Answers** example: 8 (blues) + 3 (reds) = 11 candies

\_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ = \_\_\_\_\_

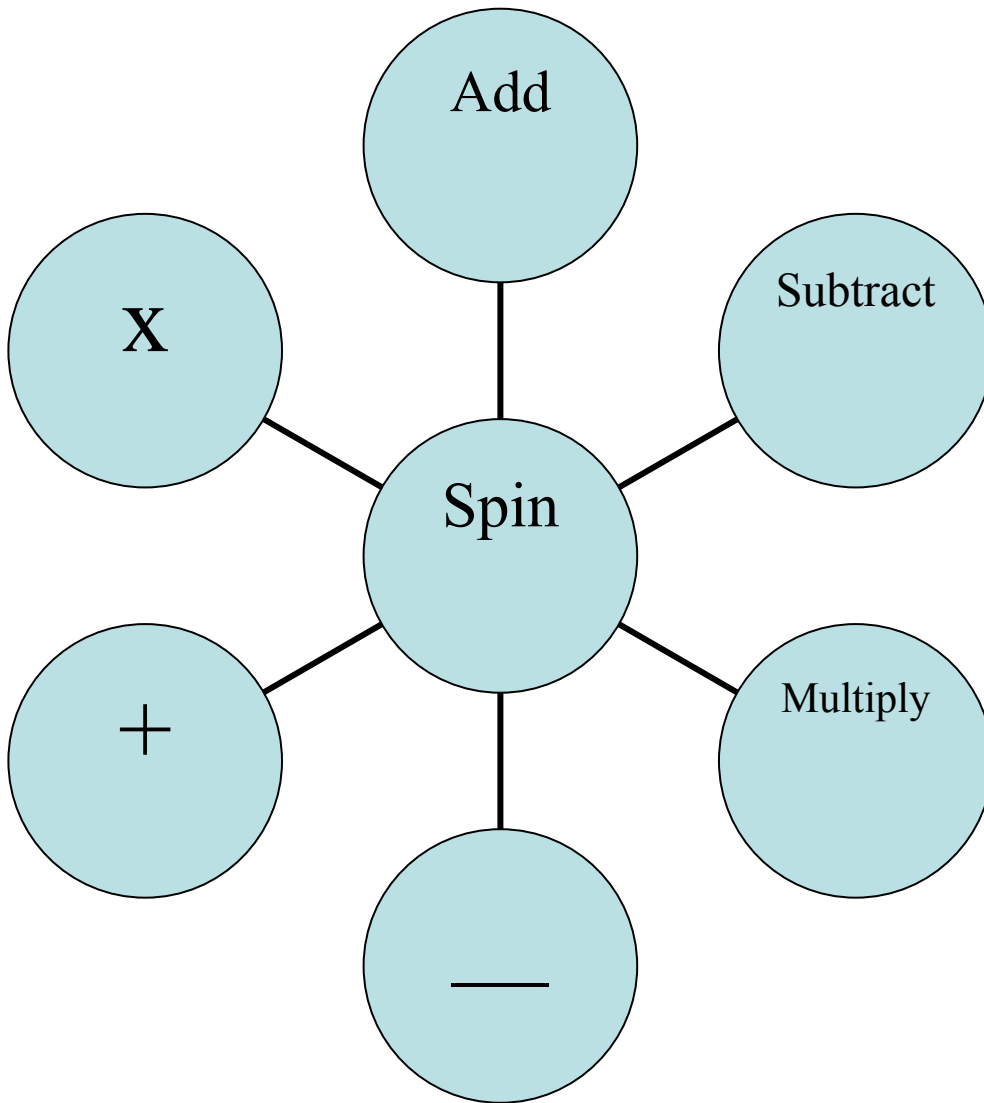
\_\_\_\_\_ = \_\_\_\_\_

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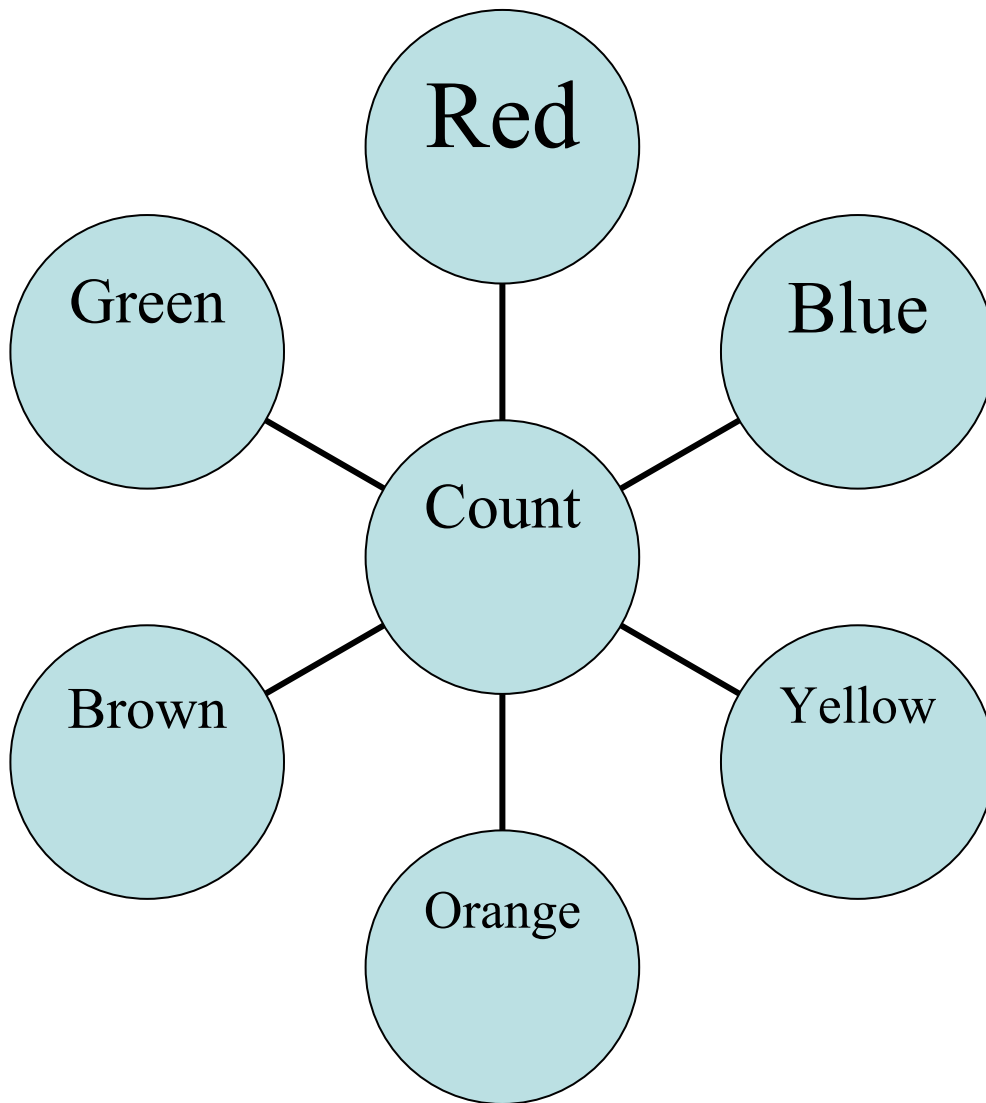
\_\_\_\_\_ = \_\_\_\_\_

\_\_\_\_\_ = \_\_\_\_\_

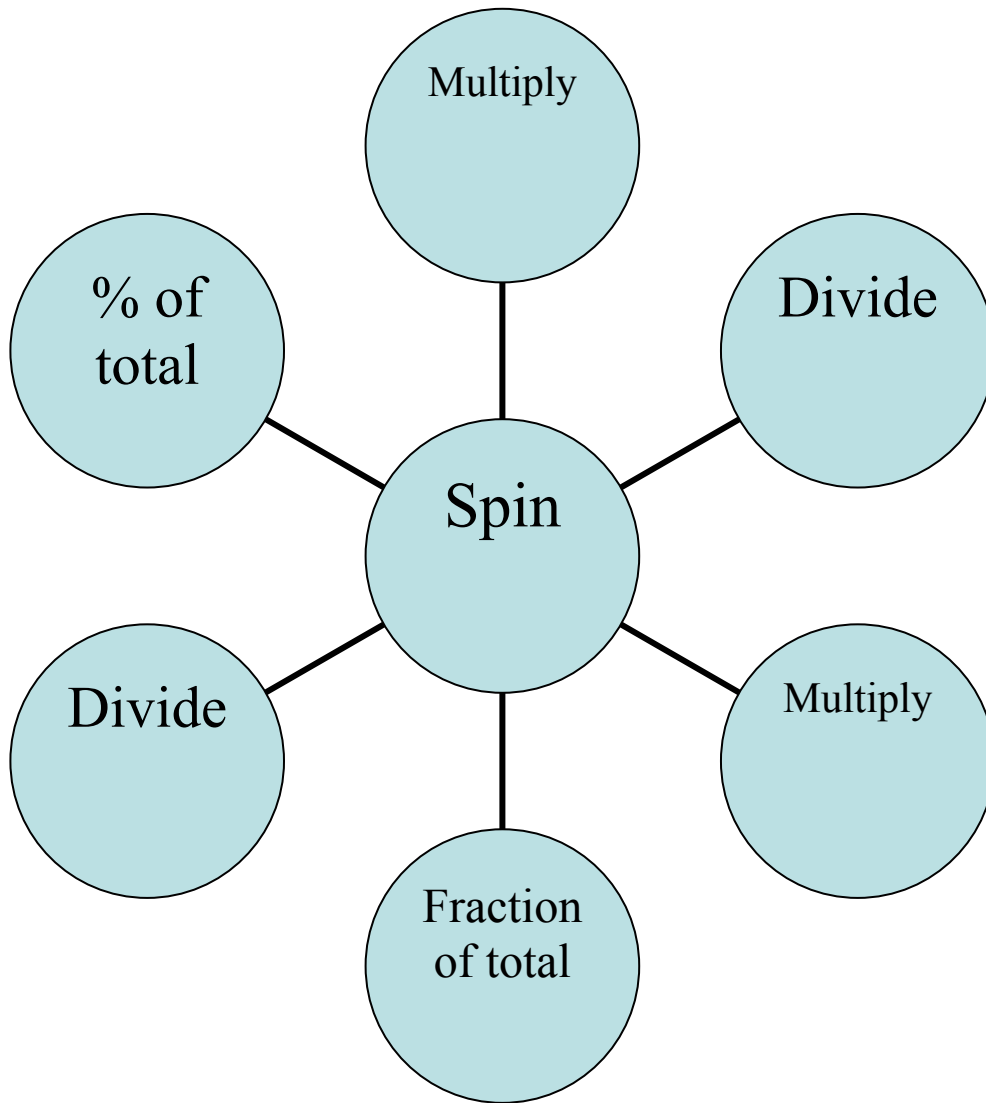
Medium level spinner

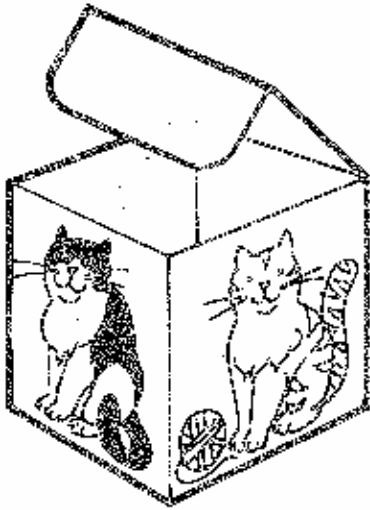


Beginning level spinner

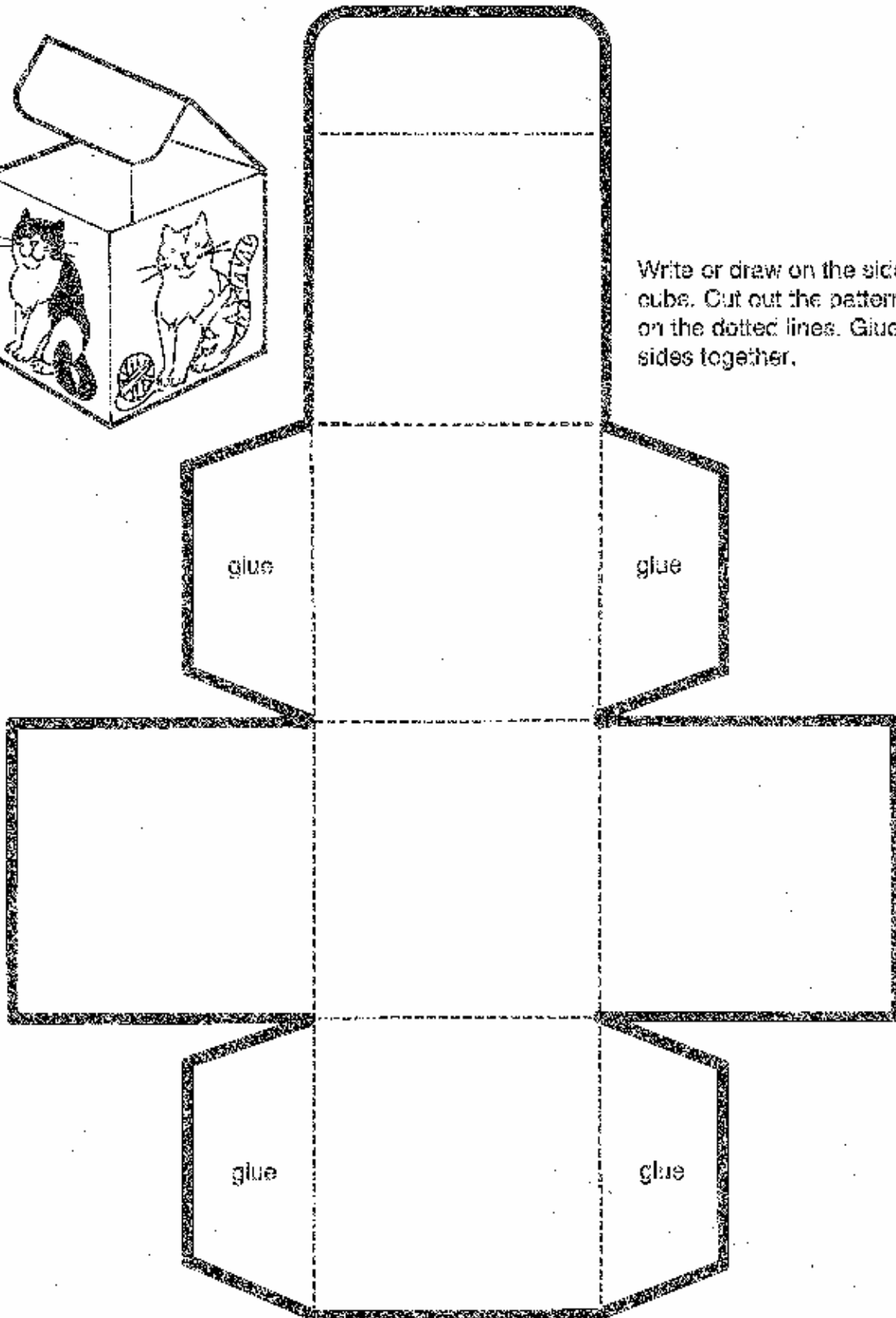


Advanced level spinner











Write or draw on the sides of the cube. Cut out the pattern. Fold on the dotted lines. Glue the sides together.



ABM's Candy Color Chart

Name: \_\_\_\_\_

	 red	 blue	 yellow	 green	 brown	 orange
12						
11						
10						
9						
8						
7						
6						
5						
4						
3						
2						
1						