



# Break the Code

- **Select 10 magnetic letters from the folder.**
- **On your recording sheet, decide the value for each letter you selected.**
- **Design and solve ten problems based on the letters you selected.**

**Example:**

**A-5**

**B-3**

**C-2**

**D-9**

$$\mathbf{A + D = ?}$$

$$\mathbf{5 + 9 = 14}$$

# Congruent or Not?

**Congruent means the same size and the same shape. Sometimes congruent shapes are tricky because they have translated, rotated, or reflected. Use the Congruent or Not Record Sheet to record shapes you find around your classroom that are congruent. Good luck!**

# Great Grids!!!

**Use the grid paper in your folder. Remember that each square on the grid is one square inch. Draw a triangle, square, rectangle, and a circle on the paper. Now, count the number of grids inside each shape. Write your answers next to each shape on your paper.**

# Place Value Puzzler

Use the index cards in the folder to make a Place Value Puzzler.

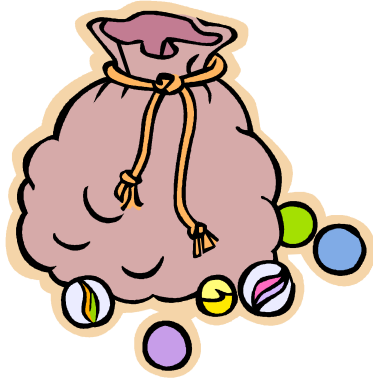
1. Take an index card from the folder
2. Write a 2 or 3 digit number on the front of the card
3. Write four clues to the identity of the number on the back of the card

**Example:**  
Front of card

248

Clues:

1. My number has three digits.
2. The number is even.
3. The digit in the tens place is two greater than the hundreds place.
4. The digit in the ones place is two times the number in the tens place.



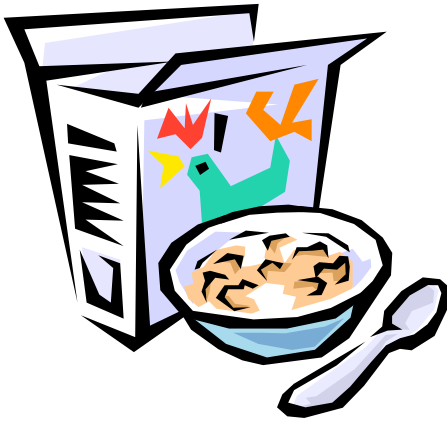
# Marble Mania!

Choose a handful of marbles out of the bag. Now, get ready to answer a few questions. Use the sentence format below to guide your thinking. This is the example – now use it to summarize your sample!

I have \_\_\_\_\_  
# of specific color  
specific color

\_\_\_\_\_ marbles out of \_\_\_\_\_.  
Total # of marbles

Don't forget to write a general statement about the probability of each color!



# Food for Thought

**Choose one of the boxes from the folder. Use the data on the nutritional chart to draw conclusions about the food contained in the box.**

- **When would you eat this food?**
- **What other foods might you need to eat with it to remain healthy?**
- **What numbers prove the nutritional value to you?**
- **What else can you tell us about the food contained in the box?**