



Guess the Number - Division

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

Example:

A-5

B-3

C-2

D-9

$$D \div B = ?$$

$$9 \div 3 = 3$$

Parallel, Intersecting, and Perpendicular

You will need:

- **Straws**
- **Paper**
- **Glue**

1. Create a model of a set of parallel lines, intersecting lines, and perpendicular lines.

2. Glue each model on your paper.

3. Under each model, explain why it is parallel, intersecting, or perpendicular.

Perimeter Puzzle

- 1. Select 5 objects around your room.**
- 2. Sketch each object on notebook paper or in your math journal.**
- 3. Measure the perimeter of each object.**
- 4. Record your measurements on each sketch.**
- 5. Record the perimeter of each object.**



Take a Number Division

Draw any 3 magnetic numbers from the folder. Place the numbers in the boxes on this card. After you have your numbers lined up, you are ready to divide! Solve the first problem and then go through the same process 4 more times. You should have 5 problems written and solved when you are finished! Record your thinking in your journal or on notebook paper.

A diagram illustrating a division problem layout. On the left is a single large rectangular box. To its right is a larger rectangular box divided into two equal-sized smaller rectangular boxes by a vertical line. A horizontal line is drawn above the right-hand boxes. A vertical line extends from the top of the left box to the top of the right-hand boxes, meeting the horizontal line. This layout is intended for students to place their three magnetic numbers to form a division problem.

Extension: Try it with a three digit dividend!

Girls vs. Boys

Take a look around you. Your class is filled with data! Your job today is to create a comparison graph for Girls vs. Boys. You will create a bar graph that displays some type of data you can collect.

The following are examples of data you might collect for girls vs. boys.

- 1. color of shirt**
- 2. type of shoes**
- 3. jacket or no jacket**
- 4. glasses or no glasses**

These are just examples. Be creative and see how girls vs. boys stack up!

Use the paper in the folder to create the graph.

Good luck and have fun!

Meeting Math Vocabulary

Select one of the math terms from the folder. Use the record sheet to illustrate that vocabulary word. Don't forget to include how the term looks and feels as you visualize the definition.