

Solving Problems with Manipulatives



Purpose: The purpose of the lesson is to help students visualize a story problem. In doing so they will recognize if the the problem is 1. putting together (adding) , 2. putting together in groups (multiplying), 3. taking apart (subtraction), or 4. taking apart in groups (division). This game is usually for 4th graders and above.

Playing the game:

Fill a container with small toys like soldiers or animals or other small objects.

Choose two numbers, based on your child's abilities.

Have your child roll a die.

- 1 -- add the numbers
- 2 -- subtract the numbers
- 3-4 -- multiply the numbers
- 5-6 -- divide the numbers

After rolling the dice your child will then construct a story problem with the manipulatives. The more creative, the better.

Your child will then complete the four panel work sheet, tell the story to you, demonstrate the story with the manipulatives, explain what type of problem it is and why, and solve the equation or number sentence.

Story Problem worksheet

<p>List the numbers and the type of problem.</p>	<p>Write the story problem.</p>
<p>Draw a picture of the story problem and circle one of the following:</p> <p>P PG T TG</p>	<p>Write the solution sentence.</p>