1. Do not open your M&M bag!  
   Guess how many M&M's are in the bag?  ____

2. Open your bag and count the M&M's. Do not eat any!  
   How many M&M's are in the bag?  ____

3. Were you correct?  ____  
   How close were you?  ____

   
   Red  =  R  
   Green  =  G  
   Orange  =  O  
   Yellow  =  Y  
   Brown  =  BR  
   Blue  =  BL

5. Write the number of M&M's you have in each set:
   
   set R =  ____  
   set O =  ____  
   set BR =  ____  
   set g =  ____  
   set Y =  ____  
   set BL =  ____


7. Use > or < or =, to show the relationship between these sets.
   
   BR  ____  G  
   Y  ____  BR  
   BL  ____  BR  
   R  ____  Y  
   O  ____  G  
   G  ____  BL  
   BL  ____  O  
   G  ____  R  
   O  ____  R

8. Do the following problems.
   
   BR + O =  ____  
   Y + BR =  ____  
   G + O =  ____  
   BL + Y =  ____  
   O + R =  ____  
   BR + BL =  ____  
   G + R =  ____  
   BL + G =  ____  
   Y + O =  ____
9. Try these harder examples,

\[ G + R + BR = \]  
\[ (O + BL) + BR = \]  
\[ Y + (G + R) = \]  
\[ R \times Y = \]  
\[ R \times (O + G) = \]  

10. Count out 15 M&M's and put them in a pile in front of you. Use them to do these problems:

How many piles of four can you make? _______
How many are left over? _______

How many piles of seven can you make? _______
How many are left over? _______

How many piles of five can you make? _______
How many are left over? _______

How many piles of two can you make? _______
How many are left over? _______

11. Put 2 M&M's in your mouth. How many are left? _______

12. Eat four more. How many are left? _______

13. Take the rest of your M&M's, try to make a \[ \_ \_ \_ \] rectangle or a square. Can you do this? _______
How many M&M's did you use? _______
Use a different number of M&M's to make other rectangles or squares. Fill in the chart.

\[ \_ \_ \_ \]  
\[ \_ \_ \_ \_ \_ \]  
\[ \_ \_ \_ \_ \]  

Can you see a pattern? _______
Describe the pattern. __________________________________________
Sorting

red
orange
yellow
green
blue
brown
<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Orange</td>
<td>Yellow</td>
<td>Red</td>
<td>Blue</td>
<td>Green</td>
</tr>
</tbody>
</table>