

## M&M's Math



- Do not open your M&M bag!**  
Guess how many M&M's are in the bag? \_\_\_\_\_
- Open your bag and count the M&M's. **Do not eat any!**  
How many M&M's are in the bag? \_\_\_\_\_
- Were you correct? \_\_\_\_\_  
How close were you? \_\_\_\_\_
- Put your M&M's into sets by color. Use the sorting sheet.

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

- Write the number of M&M's you have in each set.

set R = \_\_\_\_\_                      set O = \_\_\_\_\_                      set BR = \_\_\_\_\_  
set G = \_\_\_\_\_                      set Y = \_\_\_\_\_                      set BL = \_\_\_\_\_

- Color your M&M graph sheet.
- 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

- 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 x Y = \_\_\_\_\_
- R x (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.

<input type="text"/>	_____	<input type="text"/>	_____
<input type="text"/>	_____	<input type="text"/>	_____
<input type="text"/>	_____	<input type="text"/>	_____



Can you see a pattern? \_\_\_\_\_

Describe the pattern. \_\_\_\_\_

## M&M Sorting



**Red**



**Orange**



**Yellow**



**Blue**



**Green**



**Brown**

