

M & Ms Candy



Do not eat any M&Ms until you are told to do so. Eating before the lab is completed will distort the results. You will be allowed to enjoy a few after the activity is finished!

First step: Open up the package.

1. Then count all of the M&Ms in your package and record the number. _____
2. Sort your M&Ms by color, and count and record the number of each color in the chart.

	Brown	Yellow	Red	Orange	Blue	Green
Number						

3. Find the range of your color totals. _____
 Find the median of your color totals. _____
 Find the mode color(s) for your bag. _____

4. Complete the following table using your collected data.

	Brown	Yellow	Red	Orange	Blue	Green
Fraction						
Decimal						
Percent						

5. What is the probability of your picking a green M&M from your bag? _____
 A red M&M? _____ A brown M&M? _____ *Use simplified fractions.*

6. Now record the totals for the whole class.

	Brown	Yellow	Red	Orange	Blue	Green
Total						

7. Use the number of packages in the class _____ to determine the average number for each color in the packages. Round to the nearest whole M& M.

	Brown	Yellow	Red	Orange	Blue	Green
Average						

8. For the class, which color(s) appear(s) to occur least often? _____
 Which color(s) appear(s) to occur most often? _____