

M & M Fractions

Name _____

Dump out all your M & M's on a piece of paper. DO NOT EAT THEM UNTIL YOU ARE TOTALLY FINISHED WITH THIS ASSIGNMENT.

How many do you have total? _____

Sort them into colors then fill in this list, writing how many of each color you have as a fraction compared to how many in all you have. (EX: If you have 20 total and 6 are yellow, I would write $6/20$ or $3/10$ in the yellow fraction box.) Then change it to a decimal and a percent.

Color	Blue	Red	Yellow	Green	Orange	Brown
Fraction						
Decimal						
Percent						

If you eat $\frac{1}{2}$ of them, how many do you eat? _____

If you eat $\frac{1}{4}$ of them, how many do you eat? _____

If you share $\frac{1}{2}$ of the bag with 2 friends, (3 people including you) how much of the bag would each of you get?

How many M & M's would that be each? _____

If this is a typical proportion, how many blue M & M's would you expect there to be in a bag of 1000 M & M's?