

The Candy Problem

Someone has taken all of Mrs. Lavery's M&Ms. It was Mr. Bonarigo, and he has decided to pass them out to all of his classes. But, before you eat any of it we need to create an inventory of the stolen M&Ms so Mrs. Lavery will know how many of each color she is missing.

You should have 15 M&Ms in front of you.

Here is what you need to do to help Mrs. Lavery;

- 1.) Get into a group of 3.
- 2.) Write down how many of each color of M&M EACH member of your group has.
- 3.) As a group, come up with a way describe your group based on the number of M&Ms of each color that ALL group members have in common.
- 4.) Write down the remaining amounts of colors of M&Ms that each member of your group has.
- 5.) Repeat steps 1 through 4 with a different group of 3.

Use this table to help organize your thoughts.

Group 1	# of Blue	# of Green	# of Red	# of Orange	# of Brown	# of Yellow
Group Member #1						
Group Member #2						
Group Member #3						

Common amounts in Group 1?

Left over amounts for each person?

Group 2	# of Blue	# of Green	# of Red	# of Orange	# of Brown	# of Yellow
Group Member #1						
Group Member #2						
Group Member #3						

Common amounts in Group 2?

Left over amounts for each person?