4. Place all of your M&M's (NO CHEATING!) back in the bag. Pick an M&M from the bag and note its color in the chart below using tally marks. Place the M&M back in the bag. Repeat this procedure **twenty** times. Then compute the frequency, probability, and rate of percent.

EXPERIMENTAL PROBABILITY

COLOR	TALLY	FREQUENCY	PROBABILITY	PERCENT
RED	𝍸 II	7	$\frac{7}{20}$	11%
ORANGE	III	3	$\frac{3}{20}$	5%
GREEN	I	1	$\frac{1}{20}$	1%
YELLOW	I	1	$\frac{1}{20}$	1%
BROWN	𝍸 III	8	$\frac{8}{20}$	13%
BLUE	0	0	$\frac{0}{20}$	0%

5. Compare your theoretical percents and your experimental percents. Are they different? Are they equal? How does the number of each color affect its probability? If the two rates of percent are relatively close then your experiment worked the way it was supposed to work. Explain your results. (Write a minimum of 5 complete sentances.)

The Colors (Red + Brown) that had the most showed up the most the ~~ones~~ Colors that had the least Showed up the least