Corrective Assignment #2   **NAME:**_____

Describe the likelihood of an event as impossible, unlikely, equally likely, likely or certain.

1. The school chess club wins $\frac{7}{8}$ of the time. _____

2. The Cincinatti Bengals win 50% of their home games. _____

3. There is a 30% chance it will rain overnight_____

4. The probability that you will have to retake Math 7 is 0. _____

Find each theoretical probability as a FRACTION in SIMPLEST FORM, if you roll a standard number cube.

5. P (not 3) = _____   6. P (2, 4, or 5) = _____   7. P (8) = _____

8. P ($\underline{1}$) = _____   9. P (Even number) = _____   10. P(>5) = _____

Suppose a number cube is rolled 240 times. About how many times should each event occur?

11. You roll a 1, 2 or 3.   12. A 4 is rolled.

Find the experimental probability of each event based off of counting a bag of M&Ms (Fractions!)

colors	red	blue	green	brown	yellow
# of M&Ms	14	0	17	12	7

13. P (Yellow) = _____   14. P (Not Blue) = _____   15. P (brown or Red) = _____

A bag of marbles contains: 50 green, 12 blue, 2 yellow, 10 purple and 10 red. Write each answer as a DECIMAL.

16. P (blue) = _____   17. P (not red) = _____   18. P (green) = _____