Math IIX Study Guide
Data and Modeling
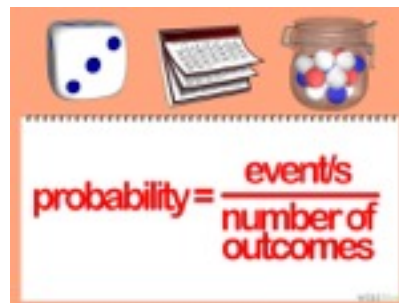
CAN I:
- **Understand compound events**
- **Represent compound events**
- **Use possibility diagrams to find probability of compound events.**
- **Understand independent events.**
- **Use the multiplication rule and the addition rule of probability to solve problems with independent events.**

_____ 1. The following vocabulary terms will be discussed during your course of study this week: **Compound event, simple event, possibility diagram, tree diagram, independent events, multiplication rule of probability, addition rule of probability**

Week 29 (April 6 - April 10)

_____2. Monday Night Homework: **Math Book 11.1 Problems 2-12 Even Pg. 227 AND 11.2 Problems 1-9 Odd Pg. 234**

_____3. Tuesday Night Homework: **Khan Academy: Sample spaces for compound events AND Probability of rolling Dice**

_____4. Wednesday Night Homework: **Math Book 11.3 Problems 1-11 Odd Pg 249-251 AND 11.4 Problems 1-5 Odd Pg. 261-263**

_____5. Thursday Night Homework: **Khan Academy: Independent probability AND Probabilities of compound event**

EXTRA CREDIT OPPORTUNITY: KHAN ACADEMY - LINEAR MODELS OF BIVARIATE DATA

Complete the following in class:

_____ 1. In Class Activities

_____ 2. Math Journal Entries

_____ 3. Vocabulary

Please turn in all work on dates listed. Anything not turned in gets no credit.

If you ever need extra help on any concepts please come see me before school or during lunch on Mondays, Tuesdays, or Wednesdays. You are also welcome to come after school on Mondays.