

Name: \_\_\_\_\_ Term 4 Week 30

### Math IX Study Guide Probability

Experimental probability is the **result** of an experiment or simulation after a large number of times.

Theoretical probability is what is **expected** to happen based on the possible outcomes, assuming equally likely events.

CAN I:

- Find relative frequencies for data in a chance process.
- Interpret relative frequencies as probabilities and use them to make predictions.
- Compare long-run relative frequencies to related theoretical probabilities.
- Understand and apply uniform and nonuniform probability models
- Compare experimental and theoretical probability
- Predict outcomes of events

\_\_\_\_\_ 1. The following vocabulary terms will be discussed during your course of study this week **relative frequency, experimental probability, theoretical probability, observed frequency, probability model, probability distribution, uniform probability model, nonuniform probability model**

#### Week 30 (April 13 - April 17)

- \_\_\_\_\_ 2. Monday Night Homework: Math Book 10.3 Problems 1-5 All Pg. 276 AND 10.4 Problems 1-5 All Pg. 289
- \_\_\_\_\_ 3. Tuesday Night Homework: Khan Academy Making Predictions with probability AND Probability Models
- \_\_\_\_\_ 4. Wednesday Night Homework: Math Homework REVIEW FOR SAGE: Pg. 126 2-20 Even AND Pg. 294 1-35 Odd
- \_\_\_\_\_ 5. Thursday Night Homework: Khan Academy REVIEW ANYTHING FROM 7th GRADE KHAN MINIMUM 30 MINUTES REQUIRED (study from the section **negative numbers: addition and subtraction**)

Complete the following in class:

- \_\_\_\_\_ 1. Math Journal Entries
- \_\_\_\_\_ 2. In Class Activities

**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.

## SAGE TESTING BEGINS APRIL 27TH