

## Math 7 - Unit 7

### Day 1 - Probability Introduction

#### Lesson Objectives:

- I understand that the probability of a chance event is a number between 0 and 1.
- I can identify favorable outcomes in an experiment.

An experiment is an activity with varying results. The possible results of an experiment are called outcomes. A collection of one or more outcomes is an event. The outcomes of a specific event are called favorable outcomes.

Randomly selecting a marble from a group of marbles is an experiment.

Each marble in the group is an outcome.

Selecting a green marble from the group is an event.



The probability of an event is a number that measures the likelihood that the event will occur. Probabilities are between 0 and 1, including 0 and 1.



You roll the number cube.

- What are the possible outcomes? 1, 2, 3, 4, 5, 6
- What are the favorable outcomes of rolling an even number? 2, 4, 6
- What are the favorable outcomes of rolling a number greater than 5? 6



## Homework

Finish Activity

9.1 pg 388 #4 19, 28-32

#### \* Individual Think Time \*



#### What to do if you get stuck...

1. Reread the problem. Did you write it down correctly?
2. Reread your notes. Is there a problem similar that we did together in class?
3. Find a problem similar in your book. Try this one to see if it helps.
4. Skip the problem until the end of Individual Think Time. Then ask an "educated" question of a neighbor or Mrs. Call.

Today we're working by...

