Math 7H - Unit 7

Day 4 - Is It a Fair Game?

Lesson Objectives:

- I can develop a probability model and use it to find probabilities of events.
- I can compare probabilities form a model to observed frequencies.

The concept of a fair game implies that each player has an equal chance of winning the game. Tossing a coin is considered a fair game, since there is an equal chance that a head or a tail will come up. This doesn't guarantee that in tossing a coin 10 times, 5 times a head will appear and 5 times a tail.

On your worksheets, you have 3 minutes to QUIETLY answer #1, 6, 11, **predicting** if each of the three games are fair or not,**explaining** your prediction.

Work with a partner to complete

- Game 1: The Addition Game

- Game 2: The Multiplication Game

- Game 3: A "Dozen or Nothing" Game

Homework

9.2 Record & Practice Journal page 214
Rewrite Test Questions Unit 2B

* 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...