


Daily Lesson Plans - AP Statistics Chapter 11 Nov. 4, 2009

Lesson Objectives & Standards Addressed	Students will perform a simulation by generating random numbers and use results to draw conclusions.
Daily Agenda 	<ol style="list-style-type: none"> 1. Go over homework problems #10, 11 and 13 2. Check Outline 3. 2. "I Can't eat anymore of this cereal"
Homework Assigned	#14, 25, 30 Practice quiz Quiz Friday Chapter 11

Statistics Quiz B – Chapter 11

Name _____

Practice Quiz

On January 1 of every year, many people watch the Rose Parade on television. The week before the parade is very busy for float builders and decorators. Roses, carnations, and other flowers are purchased from around the world to decorate the floats. Based on past experience, one float decorator found that 10% of the bundles of roses delivered will not open in time for the parade, 20% of the bundles of roses delivered will have bugs on them and be unusable, 60% of the bundles of roses will turn out to be beautiful, and the rest of the bundles of roses delivered will bloom too early and start to discolor before January 1. Conduct a simulation to estimate how many roses the float decorator will need to purchase to have 15 good bundles of roses to place on the float.

1. Describe how you will use a random number table to conduct this simulation.
2. Show three trials by clearly labeling the random number table given below. Specify the outcome for each trial.

37542 04805 64894 74296 24805 24037 20636 10402 00822 91665

08422 68953 19645 09303 23209 02560 15953 34764 35080 33606

99019 02529 09376 70715 38311 31165 88676 74397 04436 27659

12807 99970 80157 36147 64032 36653 98951 16877 12171 76833

3. State your conclusion