

Investigation 12: Chances of Getting the Flu?

Worksheet 12.2 Simulation Steps

1. State the problem or statistical/probabilistic question.
2. Define the simple events which form the basis of the simulation.
3. State any underlying conditions that need to be made so that the answer to the probabilistic question can be determined.
4. Decide a model that will be used to match the probabilities. Describe how the random numbers will be assigned to match the probabilities described in the problem. Determine what constitutes a trial and what will be recorded.
5. Conduct the first trial.
6. Record the results of the trial.
7. Continue to run trials. Run a large number of trials. Remember to report the result of each trial.
8. Summarize the results of the trials and draw conclusions.