**Statistics and Probability**

**Unit 2 Line Master 6a**

Theoretical and Experimental   
 Probabilities

* Describe your experiment.
* What is the sample space for your experiment?
* Record your results in the table.   
  Write each probability as a percent.
* Choose an outcome.   
  Show how you could calcuate the experimental probability  
  and the theoretical probability.

**Statistics and Probability**

**Unit 2 Line Master 6b**

Theoretical and Experimental   
 Probabilities (cont’d)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Event (Possible outcomes)** | **Theoretical Probability** | **20 Trials Experimental Count** | **20 Trials Experimental Probability** | **250 Trials Experimental Count** | **250 Trials Experimental Probability** |
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