$\qquad$
$\qquad$

Data Management
Unit 2 Line Master 2a

## 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.

Data Management Unit 2 Line Master 2b

## Theoretical and Experimental Probabilities (cont'd)

| Event <br> (Possible <br> outcomes) | Theoretical <br> Probability | 20 Trials <br> Experimental <br> Count | 20 Trials <br> Experimental <br> Probability | 250 Trials <br> Experimental <br> Count | 250 Trials <br> Experimental <br> Probability |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

