Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Table# \_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_

**10.3A Theoretical Vs Experimental Probability\_Classwork**

*Objective: Attend to Precision (MP6). Use experimental probabilities to make predictions; use theoretical probabilities to find quantities; compare experimental and theoretical. CCSS.7.SP.5, CCSS.7.SP.6, and CCSS.7.SP.7*

|  |
| --- |
| **What do you know about probability?** |
| **Contrast experimental and theoretical probability**

|  |  |
| --- | --- |
| Experimental Probability | Theoretical Probability: |

 |
| **Example 1**

|  |  |
| --- | --- |
| Experimental Probability | Theoretical Probability: |

 |
| **Experimental vs Theoretical**Theoretical Probability:Experimental probability: |



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Solutions: 1) 1/2 2) 4/9 3) 6 4) 8 5) 1/3 6) 5/18

 7) theo= what should happened; exp= what actually happens