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| **1.**  **Make up a fair game that could be played with two pennies.** | **2.**  **Jess makes up a new game. She flips a coin twice. If the sides match, she wins. If the sides don’t match, you win. Is this game fair? Why or why not?** |
| **3.**  **What is the probability of getting matching colors?**  **Fill out the rest of the table.**   |  |  |  |  | | --- | --- | --- | --- | |  | **Red** | **Blue** | **Yellow** | | **Green** | **RG** | **BG** | **YG** | | **Red** |  |  |  | | **Blue** |  |  |  | | **4.**  **Find the probability of flipping two heads in a row.** |
| **5.**  **What is the difference between theoretical probability and experimental probability?** | **6.**  **What is experimental probability?** |
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