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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.**

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| --- | --- | --- | --- |
|  | **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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