*The Wink Game*

**In your cup are chips that are marked either with a dot or a dash. Complete the table below, following the given steps.**



* **Pick a chip from the cup without looking.**
* **Record the symbol on the chip in the column labeled First Chip.**
* **Return the chip to the cup.**
* **Pick a chip from the cup without looking.**
* **Record the symbol on this chip in the column labeled Second Chip.**
* **Return the chip to the cup.**
* **Record a W, B, or S in the appropriate column of the table.**
  + **W – Wink – the 2 chips have different symbols on them (one dash and one dot)**
  + **B – Blink – the 2 chips are both dashes**
  + ** S – Stare – the 2 chips are both dots**
* **Repeat from the beginning until you have 10 trials**.

|  |  |  |  |
| --- | --- | --- | --- |
| **Trial** | **First Chip** | **Second Chip** | **W, B, or S** |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |
| 6 |  |  |  |
| 7 |  |  |  |
| 8 |  |  |  |
| 9 |  |  |  |
| 10 |  |  |  |

**Based on the results of your 10 trials, what conclusions might you make about the probabilities of the events “Wink”, “Blink”, and “Stare”? How confident are you in these conclusions? Why?**