**PROBABILITY – BNSG**

|  |  |
| --- | --- |
| **T F** | 1. Probability is the chance of something happening.
 |
| **T F** | 1. Initially, there’s a 33% chance that Bill will select the correct door.
 |
| **T F** | 1. There’s a 50% chance of getting heads or tails on a coin.
 |
| **T F** | 1. By figuring out what’s average, we can better predict the future.
 |
| **T F** | 1. Insurance and weather predictions are based on probability.
 |
| **T F** | 1. There is a **HIGH** likelihood that you’ll win the lottery.
 |
| **T F** | 1. The odds of finding two, in a class of 23, with the same birthday is **50/50**.
 |
| **T F** | 1. It is **likely** for you to share a birthday with your best friend.
 |
| **T F** | 1. We learn a lot about a population by sampling a small portion.
 |
| **T F** | 1. When rolling two dice, seven is a **likely** result.
 |
| **T F** | 1. When rolling two dice, twelve is a **likely** result.
 |
| **T F** | 1. There’s only one way to roll a two (*snake eyes*) with two dice.
 |

**PROBABILITY – BNSG – ANSWERS!**

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| --- | --- |
| **T** | 1. Probability is the chance of something happening.
 |
| **T** | 1. Initially, there’s a 33% chance that Bill will select the correct door.
 |
| **T** | 1. There’s a 50% chance of getting heads or tails on a coin.
 |
| **T** | 1. By figuring out what’s average, we can better predict the future.
 |
| **T** | 1. Insurance and weather predictions are based on probability.
 |
| **F** | 1. There’s a **HIGH** likelihood that you’ll win the lottery.
 |
| **T** | 1. The odds of finding two, in a class of 23, with the same birthday is 50/50.
 |
| **F** | 1. It is **likely** for you to share a birthday with your best friend.
 |
| **T** | 1. We learn a lot about a population by sampling a small portion.
 |
| **T** | 1. When rolling two dice, seven is a **likely** result.
 |
| **F** |  1. When rolling two dice, twelve is a **likely** result.
 |
| **T** | 1. There is only one way to roll a two (*snake eyes*) with two dice.
 |