

Bill Nye: Probability

Name: Key Class: _____ Date: _____

1. Everything that happens really has a Chance or Probability of happening, or not happening.
2. Each door has a 1 in 3 probability of leading to the lab.
3. Heads or tails means a 1 in 2 probability for either one.
4. Since there are more blue ones than any other, we'll probably get a blue one.
5. Most of the balls end up in the middle, that's the average.
6. Scientists call this shape a Bell shaped curve.
7. The probability of becoming a girl is 1 in 2.
8. Chromosomes control whether we become a boy or girl.
9. What chromosomes does your mom have? xx
10. What chromosomes does your dad have? xy
11. Mom always gives you a x chromosome.
12. How much insurance costs is based on probability.
13. The chance of winning the lottery is 1 in 5 million.
14. In a class of 23 people, the chances are 1 in 2 that two people have the same birthday.
15. When rolling dice, there are 6 ways to roll a 7.
16. There is a 1 in 5000 probability of finding a 4-leaf clover.