

# Fun Facts About Statistics & Probability

Statistics & Probability · Practice Test · 20 Questions

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**1. What is the most frequent number in a set of data called?**

- A) Mean
- B) Median
- C) Mode
- D) Range

**2. If you flip a fair coin, what is the probability of getting heads?**

- A) 0%
- B) 25%
- C) 50%
- D) 100%

**3. What is the middle number in a set of data when it's arranged in order from least to greatest?**

- A) Mode
- B) Mean
- C) Range
- D) Median

**4. A standard six-sided die has how many possible outcomes when rolled once?**

- A) 1
- B) 3
- C) 6
- D) 12

**5. What is the difference between the highest and lowest numbers in a set of data called?**

- A) Mode
- B) Mean
- C) Range
- D) Median

**6. If there are 10 blue marbles and 5 red marbles in a bag, what is the probability of picking a red marble?**

- A) 1 in 10
- B) 1 in 5
- C) 1 in 3
- D) 1 in 15

**7. What is the average of a set of numbers called?**

- A) Median
- B) Mode
- C) Range
- D) Mean

**8. What does probability measure?**

- A) How certain something is to happen
- B) How likely something is to happen
- C) How many times something happened
- D) The average of numbers

**9. If a spinner has 4 equal sections coloured red, blue, green, and yellow, what is the probability of landing on blue?**

- A) 1 in 2
- B) 1 in 4
- C) 1 in 3
- D) 2 in 4

**10. What is the best way to represent data with categories, like the favourite colours of students?**

- A) Line graph
- B) Bar chart
- C) Scatter plot
- D) Pie chart

**11. If you roll a standard six-sided die, what is the probability of rolling a 4?**

- A) 1 in 4
- B) 1 in 6
- C) 1 in 2
- D) 1 in 12

**12. What is the sum of all the numbers in a data set divided by the count of numbers?**

- A) Median
- B) Mode
- C) Range
- D) Mean

**13. What is a data set?**

- A) A type of graph
- B) A collection of numbers or facts
- C) The probability of an event
- D) The most frequent number

**14. If you draw one card from a standard deck of 52 playing cards, what is the probability of drawing an Ace?**

- A) 1 in 13
- B) 1 in 52
- C) 4 in 52
- D) 1 in 4

**15. What is the probability of an event that is impossible to happen?**

- A) 1
- B) 0.5
- C) 0
- D) 100%

**16. Which of these is a way to organize data visually?**

- A) Adding
- B) Subtracting
- C) Graphing
- D) Multiplying

**17. What is the total number of outcomes for rolling two standard six-sided dice?**

- A) 6
- B) 12
- C) 36
- D) 60

**18. If you have a bag with 3 green balls and 7 blue balls, what is the probability of picking a green ball?**

- A) 3 in 7
- B) 7 in 10
- C) 3 in 10
- D) 1 in 3

**19. What is a chance of 100% likely to happen called?**

- A) Impossible
- B) Unlikely
- C) Certain
- D) Even chance

**20. What is the name for a visual representation of data where each data point is shown as a dot?**

- A) Bar chart
- B) Line graph
- C) Pie chart
- D) Scatter plot