

Fun Facts About Statistics & Probability

Statistics & Probability · Answer Key · 20 Questions

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**