

Quizlet

NAME _____

15 Multiple choice questions

100%

1. probably will not happen; having a probability below $\frac{1}{2}$

CORRECT

✓ unlikely

2. the number of times a score or group of scores occurs in a data set

CORRECT

✓ frequency

3. an event that involves two or more outcomes occurring together e.g. a two-stage event that involves tossing a coin and rolling a die together could be tossing tails and rolling an odd number

CORRECT

✓ multi-stage event

4. in probability, the result of a situation or experiment e.g. when rolling a die, one possible outcome is 4

CORRECT

✓ outcome

5. having an equal chance of occurring

CORRECT

✓ equally likely

6. in probability, the set of all the possible outcomes of a situation or experiment

CORRECT

✓ sample space

7. in probability, a result involving one or more outcomes e.g. when rolling a die, the event 'rolling an even number' contains the three outcomes (2,4,6)

CORRECT

✓ event

8. the number of times an event or score occurs, written as a fraction of the total number of events or scores

CORRECT

✓ relative frequency

9. probably will happen; having a probability above $\frac{1}{2}$

CORRECT

✓ likely

10. a diagram listing all the possible outcomes of a multi-stage experiment such as tossing three coins together

CORRECT

✓ tree diagram

11. a measure of how likely an event E is to occur, written $P(E)$; its value ranges from 0 to 1

CORRECT

✓ probability

12. an estimate of the theoretical or calculated probability; the relative frequency of an event in repeated trials of an experiment

CORRECT

✓ experimental probability

13. all the outcomes that are not the event e.g. the complementary event of rolling a 1 on a die is rolling a number that is not 1

CORRECT

✓ complementary event

14. the likelihood of the event occurring is equal to the likelihood that it will not occur

CORRECT

✓ even chance

15. a number equal to or greater than the given value e.g. at least 2 means 2 or more

CORRECT

✓ at least