Name: _____   Date: _____

Unit 4: Vocabulary

1. The chance of an event occurring

2. An action, or trial, through which specific results are obtained

3. The result of a single trial of a probability experiment

4. The set of all possible outcomes

5. A device consisting of line segments emanating from a start point to the outcome point

6. Used as a pictorial representative for a probability concept or rule

7. Set of outcomes of a probability event

8. An event with only one outcome

9. An event with more than one outcome

10. The use of sample spaces to determine the numerical probability that an event will happen

11. Events that gave the same probability of occurring

12. A probability value based on an educated guess or estimate, employing opinions and in exact information

13. The set of all outcomes in a sample space that are not included in the outcomes of the event

14. Probability that event B occurs after event A has already occurred

15. Two events (A and B) are independent if the fact that A occurs does not affect the probability of B occurring

16. When the outcome of occurrence of the first events affects the outcome or occurrence of the second event in such a way that the pro abilities are changed

17. Selection of all or part of a set of objects, without regard to the order in which objects are selected

18. Probability that relies on actual experience to determine the likelihood of outcomes

A. Simple Event

B. Equally Likely Events

C. Dependent Events

D. Subjunctive Probability

E. Theoretical Probability

F. Compound Event

G. Independent Events

H. Sample Space

I. Probability

J. Venn Diagram

K. Tree Diagram

L. Complement of an Event

M. Factorial

N. Statistical Probability

O. Conditional Probability

P. Outcome

Q. Combination

R. Mutually Exclusive

19. Mathematical operation in which you multiply the given number by all of the positive numbers less than it   S. Event

20. Two events that cannot occur at the same time   T. Probability Experiment