Quiz: Probability Word Problems

- 1 You roll a ten sided die (with the numbers eleven through twenty). What is the probability that the value of roll will be multiple of two?
- 2 An event has a theoretical probability of 1/7. What is the probability of this event occurring in 210 trials?
- **3** Find the probability of randomly choosing the letter L from a bag that contains the letters in the name of PARALLELOGRAM.
- An event has a theoretical probability of 0.25. How many times is the event likely to occur in 44 trials?
- 5 If the probability of an event is 7/15, what are the odds for the event?
- 6 One card is chosen at random from a deck. What is the probability of getting a king?
- 7 If one letter is chosen at random from the word DICTIONARY, what is the probability that the letter chosen is the letter "E"?
- 8 In a box with 10 letters, three of which are A, five out which are K's. What is the probability of getting an A?
- **9** What is the probability of getting two tails and one head on three flips of coin?
- 10 A die has 6 sides. The sides have the numbers 4, 6, 2, 3, 1, and 5. If the cube is thrown once, what is the probability of rolling the number 5?

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%