

Quiz: Probability Problems Involving AND and OR

1	You roll a six-sided die (with numbers eleven through sixteen). What is the probability that the value of roll will be multiple of five or eleven?	
2	Tom has 3 red T-shirts, 2 blue T-shirts and 7 shirts in his wardrobe. What is the probability of selecting a T-shirt from his wardrobe?	
3	Use a fraction to express the probability that T or N is selected from the word NATIONAL.	
4	What is the probability that you will pick a king or a jack in a row out of a 52- card deck?	
5	A number cube has 6 sides. The sides are numbered 1 to 6. If the cube is thrown once, what is the probability of rolling 6 and multiple of 3?	
6	One card is chosen at random from a deck. What is the probability of getting a club or a red card?	
7	A jar contains 9 balls: 3 are red, 3 are blue and 3 are green. What is the probability that one will pick a green or red ball?	
8	Find the probability of randomly choosing the letter L or G from a bag that contains the letters in the name of RECTANGLE.	
9	Out of 250 plants, 70 had red flowers, 50 had yellow flowers and 130 had green flowers. Find the probability of choosing a plant with red flowers or yellow flowers.	
10	A shelf contains 3 math books, 4 history books and 5 science books. What is the probability against selecting a science or history book from the shelf?	

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%