

Quiz: Problems Involving 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 sweaters 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 you 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 word 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%