

Probability exercise

Question 1

A die is rolled, find the probability that an even number is obtained.

Question 2

Two coins are tossed, find the probability that two heads are obtained. **Note:** Each coin has two possible outcomes H (heads) and T (Tails).

Question 3

Which of these numbers cannot be a probability? a) -0.00001
b) 0.5
c) 1.001
d) 0
e) 1
f) 20%

Question 4

Two dice are rolled, find the probability that the sum is a) equal to 1
b) equal to 4
c) less than 13

Question 5

A die is rolled and a coin is tossed, find the probability that the die shows an odd number and the coin shows head.

Question 6

A card is drawn at random from a deck of cards. Find the probability of getting the 3 of diamond

Question 7

A card is drawn at random from a deck of cards. Find the probability of getting a queen

Question 8

A jar contains 3 red marbles, 7 green marbles and 10 white marbles. If a marble is drawn from the jar at random, what is the probability that this marble is white?

Question 9

The blood groups of 200 people is distributed as follows: 50 have type **A** blood, 65 have **B** blood type, 70 have **O** blood type and 15 have type **AB** blood. If a person from this group is selected at random, what is the probability that this person has O blood type?

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Question 10

A die is rolled, find the probability that the number obtained is greater than 4.

Question 11

Two coins are tossed, find the probability that one head only is obtained.

Question 12

Two dice are rolled, find the probability that the sum is equal to 5.

Question 13

A card is drawn at random from a deck of cards. Find the probability of getting the King of heart.

Question 14

Five coin are tossed . find the probability of getting all head

Question 15

A family has eat pasto one day in a week find the probability of eating pasto and not eating ?

Question 16

Factorial

a: $5!$ **b:** $4!+3!$ **C:** $2!3!$ **e:** $6!\backslash 4!$

Question 17

Permatation

a: $5p5$ **b:** $6p2$ **c:** $7p6$ **d:** $10p10$ **e:** $15p5$

Question 18

Combination

a: $4c3$ **b:** $8c8$ **c:** $9c3$ **d:** $20c12$

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