

Probability: Worksheet -4

1. A die is thrown. Find the probability of getting

- (i) a prime number (ii) 2 or 4 (iii) a multiple of 2 or 3.

2. In a simultaneous throw of a pair of dice, find the probability of getting

- (i) 8 as the sum (ii) a double of prime numbers
(iii) a double of odd numbers (iv) a sum greater than 9
(v) a sum less than 7 (vi) a sum more than 7



3. Three coins are tossed together. Find the probability of getting.

- (i) exactly two heads (ii) at least two heads

4. A card is drawn at random from a pack of 52 cards. Find the probability that the card drawn is

- (i) a black king (ii) either a black card or a king
(iii) black and a king (iv) a jack, queen or a king
(v) neither a heart nor a king (vi) space or an ace

