Solutions – Compound Events (A)

A bag has 6 red balls and 5 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

36/121

A bag has 6 red balls and 2 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

9/16

A bag has 5 red balls and 1 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

25/36

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A spinner has 6 equal sections, 3 of which are green. A coin is flipped. What is the probability of getting green and tails?

1/4

A bag has 2 red balls and 7 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

4/81

Solutions – Compound Events (B)

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A bag has 2 red balls and 7 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

4/81

A bag has 1 red balls and 5 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

1/36

A spinner has 6 equal sections, 1 of which are green. A coin is flipped. What is the probability of getting green and tails?

1/12

A spinner has 7 equal sections, 4 of which are green. A coin is flipped. What is the probability of getting green and tails?

2/7

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

Solutions – Compound Events (C)

A bag has 1 red balls and 9 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

1/100

A bag has 6 red balls and 2 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

9/16

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A bag has 2 red balls and 5 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

4/49

A spinner has 5 equal sections, 3 of which are green. A coin is flipped. What is the probability of getting green and tails?

3/10

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

Solutions – Compound Events (D)

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A spinner has 8 equal sections, 3 of which are green. A coin is flipped. What is the probability of getting green and tails?

3/16

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A bag has 2 red balls and 6 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

1/16

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A bag has 4 red balls and 2 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

4/9

Solutions – Compound Events (E)

A spinner has 5 equal sections, 3 of which are green. A coin is flipped. What is the probability of getting green and tails?

3/10

A spinner has 5 equal sections, 2 of which are green. A coin is flipped. What is the probability of getting green and tails?

1/5

A bag has 4 red balls and 4 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

1/4

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A spinner has 8 equal sections, 2 of which are green. A coin is flipped. What is the probability of getting green and tails?

1/8

A bag has 3 red balls and 3 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

1/4

Solutions – Compound Events (F)

A bag has 4 red balls and 7 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

16/121

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A bag has 6 red balls and 6 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

1/4

A bag has 8 red balls and 3 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

64/121

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A bag has 3 red balls and 3 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

1/4

Solutions – Compound Events (G)

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A bag has 2 red balls and 8 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

1/25

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A bag has 2 red balls and 10 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

1/36

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A bag has 5 red balls and 1 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

25/36

Solutions – Compound Events (H)

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A spinner has 4 equal sections, 3 of which are green. A coin is flipped. What is the probability of getting green and tails?

3/8

Solutions – Compound Events (I)

A bag has 8 red balls and 1 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

64/81

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A spinner has 4 equal sections, 1 of which are green. A coin is flipped. What is the probability of getting green and tails?

1/8

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A spinner has 8 equal sections, 1 of which are green. A coin is flipped. What is the probability of getting green and tails?

1/16

A bag has 1 red balls and 5 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

1/36

Solutions – Compound Events (J)

A coin is flipped and a fair dice is rolled. What is the probability of getting heads and a 4?

1/12

A bag has 2 red balls and 9 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

4/121

A spinner has 7 equal sections, 1 of which are green. A coin is flipped. What is the probability of getting green and tails?

1/14

A bag has 1 red balls and 5 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

1/36

A bag has 2 red balls and 5 blue balls. Two balls are picked with replacement. What is the probability of picking two red balls?

4/49

A spinner has 7 equal sections, 5 of which are green. A coin is flipped. What is the probability of getting green and tails?

5/14