

Name _____

Date _____

Topic : Probability Mutually Exclusive Events- Worksheet 1



- 1. Rennin has a pair of dice and he throws them on the table then, what is the probability that the sum of the numbers appears is 6?**
- 2. What is the probability of drawing the ten of hearts from a deck of standard cards?**
- 3. Freddy's brother asks him to draw one card from the standard deck of 52 cards. What is the probability that the card will be an Ace card?**
- 4. A pair of dice is rolled. What is the probability that the sum of the numbers rolled is a cube?**
- 5. Three fair coins are tossed and heads comes up for all of them. If they are tossed again, what is the probability that tails will come up for all of them?**
- 6. A pair of dice is rolled. What is the probability that the sum of the numbers rolled is 7?**
- 7. In a certain box there are 8 green marbles and 10 white marbles. Drawing a marble without watching, what is the probability that the marble is a white marble?**
- 8. What is the probability of getting exactly one heads when two coins are tossed?**
- 9. A pair of dice is rolled. What is the probability that the sum of the numbers rolled is 5?**
- 10. What is the probability that the sum of the numbers rolled is 2 when two dice are rolled?**



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Topic : Probability Mutually Exclusive Events- Worksheet 2

- 1. Mary has a pair of dice and she throws them, What is the probability that the sum of the numbers appears is 4?**
- 2. What is the probability of drawing the six and three of spades from a deck of standard cards?**
- 3. Denny's sister asks him to draw one card from the standard deck of 52 cards. What is the probability that the card will be a black card?**
- 4. A pair of dice is rolled. What is the probability that the sum of the numbers rolled is a square?**
- 5. Two fair coins are tossed and tails comes up for all of them. If they are tossed again, what is the probability that heads will come up for all of them?**
- 6. A pair of dice is rolled. What is the probability that the sum of the numbers rolled is 3?**
- 7. In a bag there are 10 pink balls and 6 brown balls. Drawing a ball without watching, what is the probability that the ball is a pink ball?**
- 8. What is the probability of getting exactly one tails when three coins are tossed?**
- 9. A pair of dice is rolled. What is the probability that the sum of the numbers rolled is 2?**
- 10. What is the probability that the sum of the numbers rolled is 8 when two dice are rolled?**



Topic : Probability Mutually Exclusive Events- Worksheet 3**Do the following:**

- 1. Rimy has a pair of dice and she throws them, What is the probability that the sum of the numbers appears is 2?**
- 2. What is the probability of drawing the ten of clubs from a deck of standard cards.**
- 3. Ginny's mom asks him to draw one card from the standard deck of 52 cards. What is the probability that the card will be a red card?**
- 4. A pair of dice is rolled. What is the probability that the sum of the numbers rolled is a square?**
- 5. Four fair coins are tossed and tails comes up for all of them. If they are tossed again, what is the probability that head will come up for all of them?**
- 6. A pair of dice is rolled. What is the probability that the sum of the numbers rolled is 8?**
- 7. In a bucket there are 15 blue stones and 8 black stones. Drawing a stone without watching, what is the probability that the stone is a black stone?**
- 8. What is the probability of getting exactly one heads when four coins are tossed?**
- 9. A pair of dice is rolled. What is the probability that the sum of the numbers rolled is 4?**
- 10. What is the probability that the sum of the numbers rolled is 10 when two dice are rolled?**



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Topic : Probability Mutually Exclusive Events- Worksheet 4

Do the following:

- 1. Ricky has a pair of dice and she throws them, What is the probability that the sum of the numbers appears is 8?**
- 2. What is the probability of drawing the nine or a jack of diamonds from a deck of standard cards?**
- 3. Andrew's dad asks him to draw one card from the standard deck of 52 cards. What is the probability that the card will be a Jack card?**
- 4. A pair of dice is rolled. What is the probability that the sum of the numbers rolled is a Cube?**
- 5. Two fair coins are tossed and heads comes up for all of them. If they are tossed again, what is the probability that tails will come up for all of them?**
- 6. A pair of dice is rolled. What is the probability that the sum of the numbers rolled is 12?**
- 7. In a jar there are 20 purple pens and 10 black pens. Drawing a pen without watching, what is the probability that the pen is a purple pen?**
- 8. What is the probability getting exactly one tails when five coins are tossed?**
- 9. A pair of dice is rolled. What is the probability that the sum of the numbers rolled is 9?**
- 10. What is the probability that the sum of the numbers rolled is 6 when two dice are rolled?**



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Topic : Probability Mutually Exclusive Events- Worksheet 5

Do the following:

- 1. Tinny has a pair of dice and she throws them, What is the probability that the sum of the numbers appears is 10?**
- 2. What is the probability of drawing the Queen of spades from a deck of standard cards.**
- 3. Mona's Friend asks him to draw one card from the standard deck of 52 cards. What is the probability that the card will be a Queen card?**
- 4. A pair of dice is rolled. What is the probability that the sum of the numbers rolled is a square?**
- 5. Two fair coins are tossed and tails comes up for all of them. If they are tossed again, what is the probability that head will come up for all of them?**
- 6. A pair of dice is rolled. What is the probability that the sum of the numbers rolled is 5?**
- 7. On a plate there are 15 dairy milk chocolates and 12 temptation chocolates. Drawing a chocolate without watching, what is the probability that the chocolate is a temptation?**
- 8. What is the probability of getting exactly one heads when two coins are tossed?**
- 9. A pair of dice is rolled. What is the probability that the sum of the numbers rolled is 11?**
- 10. What is the probability that the sum of the numbers rolled is 7 when two dice are rolled?**

