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Independent and Dependent Events Worksheets - 4

1. Write the sample space of the outcomes with same numbers, when two dice are rolled?
2. What is the probability of getting a 5 when a dice is rolled?
3. What is the probability of getting a number greater than six, when a dice is rolled?
4. The probability of getting the sum of outcomes as 5, when two dice are rolled is _____.
5. What is the probability of not getting a doublet, when two dice are rolled?
6. A bag had 8 oranges and 4 apples. When a fruit is picked from the bag, what is the probability that it is an apple? What is the probability it is orange, if a fruit is drawn the second time without replacement.
7. Marry has six pairs of sandals, of which two are in red, three are in black, and one is in blue color. The probability that Marry wears a red sandal for the party is ____.
8. In a class 12 students like outdoor games, and 18 students like indoor games. What is the probability that a student likes an outdoor game?
9. A mechanic fits 8 screws correctly and 2 screw wrongly, while fitting an automobile. What is the probability that the mechanic makes a mistake while fitting the automobile?

10. Ron plays for 11 matches and wins across 3 matches. What is the probability of Ron winning the tournament?



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in an interesting way,
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Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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