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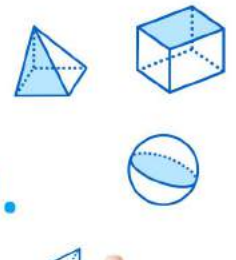

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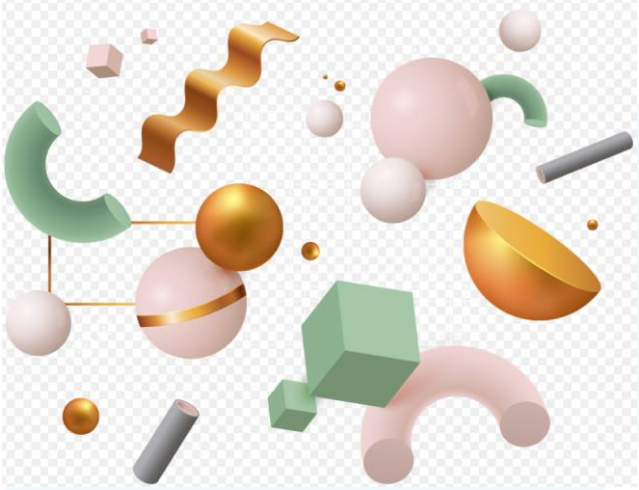
Probability Worksheets Grade 8

1. Find the sample space on tossing three coins.

2. How many cards are there in a pack of playing cards?



3. Cheryl's probability of getting a job is 60%. Express this as a probability fraction.
   (a) ½ (b) 3/5 (c) 1/5 (d) 4/5

4. The probability of getting an odd number on rolling a dice is _____.

5. What is the probability of picking a red card from a pack of cards?

6. A bag had 8 oranges and 4 apples. When a fruit is picked from the bag, what is the probability that is is an apple?
   (a) ½ (b) 1/5 (c) ¼ (d) 1/3

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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"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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ANSWERS

1)	8 outcomes
2)	52
3)	(b) 3/5
4)	½
5)	½
6)	(d) 1/3

7)	1 / 3
8)	2 / 5
9)	1 / 5
10)	3 / 11

FUN FACT

1. Artificial intelligence is used for a lot of predictions and these predictions are given as probabilities.
2. Probability values are always between 0 and 1.
3. Probability is used in flipping a coin, dice, playing cards, or any other games in which the outcomes are not sure.