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## Compound Probability Worksheets

What is the probability of following events while playing with a deck of 52 cards?

1. Getting 4 of hearts of twice
2. Getting an ace and getting a king
3. Getting a card with a number between 3 to 7 and another jack?
4. Getting a card of spades and diamonds?
5. Getting a black coloured card?

State whether the following are True/False while playing with a deck of 52 cards?

6. The probability of drawing a King is greater than the probability of drawing a Queen.
7. The probability of drawing a card of clubs is equal to the probability of drawing a card of spades.
8. The probability of drawing a face card is less than the probability of drawing a card of hearts.
9. There are 52 different total outcomes while playing with a regular deck of cards.
10. How many cards should be thrown away in a deck of cards so that the total possible outcomes of any particular number or face card is 3?

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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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