Probability Worksheets With Deck Of Cards (4)

These questions are based on a 52 card deck without Jokers.

1) Find the probability of drawing a 3 of Diamonds on the first draw, replacing it and drawing a Diamond card on the second draw.   _____

2) Find the probability of drawing a red card on the first draw, replacing it and drawing a Spade card on the second draw.   _____

3) Find the probability of drawing a face card that is a Diamond on the first draw, replacing it and drawing a face card on the second draw.   _____

4) Find the probability of drawing a Spade card on the first draw, replacing it and drawing a face card on the second draw.   _____

5) Find the probability of drawing a Ace of Spades on the first draw, replacing it and drawing a face card on the second draw.   _____

6) Find the probability of drawing a face card that is a Heart on the first draw, replacing it and drawing a 10 card on the second draw.   _____

7) Find the probability of drawing a face card.   _____

8) Find the probability of drawing a red card on the first draw, replacing it and drawing a face card on the second draw.   _____

9) Find the probability of drawing a 3 through 6 on the first draw, replacing it and drawing a black card on the second draw.   _____

10) Find the probability of drawing a Club 5 through 6 on the first draw, replacing it and drawing a King card on the second draw.   _____

Probability Worksheets With Deck Of Cards (4)

These questions are based on a 52 card deck without Jokers.

1) Find the probability of drawing a 3 of Diamonds on the first draw, replacing it and drawing a Diamond card on the second draw.

$\dfrac{1}{208}$

2) Find the probability of drawing a red card on the first draw, replacing it and drawing a Spade card on the second draw.

$\dfrac{1}{8}$

3) Find the probability of drawing a face card that is a Diamond on the first draw, replacing it and drawing a face card on the second draw.

$\dfrac{9}{676}$

4) Find the probability of drawing a Spade card on the first draw, replacing it and drawing a face card on the second draw.

$\dfrac{3}{52}$

5) Find the probability of drawing a Ace of Spades on the first draw, replacing it and drawing a face card on the second draw.

$\dfrac{3}{676}$

6) Find the probability of drawing a face card that is a Heart on the first draw, replacing it and drawing a 10 card on the second draw.

$\dfrac{3}{676}$

7) Find the probability of drawing a face card.

$\dfrac{3}{13}$

8) Find the probability of drawing a red card on the first draw, replacing it and drawing a face card on the second draw.

$\dfrac{3}{26}$

9) Find the probability of drawing a 3 through 6 on the first draw, replacing it and drawing a black card on the second draw.

$\dfrac{2}{13}$

10) Find the probability of drawing a Club 5 through 6 on the first draw, replacing it and drawing a King card on the second draw.

$\dfrac{1}{338}$