

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

TEACHER: \_\_\_\_\_

## Probability Worksheets With Deck Of Cards (3)



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

- 1 ) Find the probability of drawing a 3 card on the first draw, replacing it and drawing a 10 card on the second draw. \_\_\_\_\_
- 2 ) Find the probability of drawing a black 4 through 10 on the first draw, replacing it and drawing a face card on the second draw. \_\_\_\_\_
- 3 ) Find the probability of drawing a 5 through 9 on the first draw, replacing it and drawing a red card on the second draw. \_\_\_\_\_
- 4 ) Find the probability of drawing a red face card on the first draw, replacing it and drawing a Spade card on the second draw. \_\_\_\_\_
- 5 ) Find the probability of drawing a Club 6 through 7 on the first draw, replacing it and drawing a Spade card on the second draw. \_\_\_\_\_
- 6 ) Find the probability of drawing a red face card on the first draw, replacing it and drawing a Ace card on the second draw. \_\_\_\_\_
- 7 ) Find the probability of drawing a Heart 5 through 9 on the first draw, replacing it and drawing a face card on the second draw. \_\_\_\_\_
- 8 ) Find the probability of drawing black cards 3 through 7. \_\_\_\_\_
- 9 ) Find the probability of drawing a face card that is a Heart on the first draw, replacing it and drawing a Jack card on the second draw. \_\_\_\_\_
- 10 ) Find the probability of drawing a face card that is a Diamond. \_\_\_\_\_

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## Probability Worksheets With Deck Of Cards (3)



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

- 1 ) Find the probability of drawing a 3 card on the first draw, replacing it and drawing a 10 card on the second draw.  $\frac{1}{169}$
- 2 ) Find the probability of drawing a black 4 through 10 on the first draw, replacing it and drawing a face card on the second draw.  $\frac{21}{338}$
- 3 ) Find the probability of drawing a 5 through 9 on the first draw, replacing it and drawing a red card on the second draw.  $\frac{5}{26}$
- 4 ) Find the probability of drawing a red face card on the first draw, replacing it and drawing a Spade card on the second draw.  $\frac{3}{104}$
- 5 ) Find the probability of drawing a Club 6 through 7 on the first draw, replacing it and drawing a Spade card on the second draw.  $\frac{1}{104}$
- 6 ) Find the probability of drawing a red face card on the first draw, replacing it and drawing a Ace card on the second draw.  $\frac{3}{338}$
- 7 ) Find the probability of drawing a Heart 5 through 9 on the first draw, replacing it and drawing a face card on the second draw.  $\frac{15}{676}$
- 8 ) Find the probability of drawing black cards 3 through 7.  $\frac{5}{26}$
- 9 ) Find the probability of drawing a face card that is a Heart on the first draw, replacing it and drawing a Jack card on the second draw.  $\frac{3}{676}$
- 10 ) Find the probability of drawing a face card that is a Diamond.  $\frac{3}{52}$