

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

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

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

## Probability Worksheets With Deck Of Cards (2)



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

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

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

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

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

## Probability Worksheets With Deck Of Cards (2)



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

- |  |                 |
|--|-----------------|
| 1 ) Find the probability of drawing a red card on the first draw, replacing it and drawing a 7 card on the second draw.            | $\frac{1}{26}$  |
| 2 ) Find the probability of drawing a King of Diamonds.  | $\frac{1}{52}$  |
| 3 ) Find the probability of drawing a 2 card on the first draw, replacing it and drawing a face card on the second draw.           | $\frac{3}{169}$ |
| 4 ) Find the probability of drawing a red card on the first draw, replacing it and drawing a black card on the second draw.        | $\frac{1}{4}$   |
| 5 ) Find the probability of drawing cards 5 through 9.   | $\frac{5}{13}$  |
| 6 ) Find the probability of drawing a 8 card on the first draw, replacing it and drawing a Queen card on the second draw.          | $\frac{1}{169}$ |
| 7 ) Find the probability of drawing a black card on the first draw, replacing it and drawing a Club card on the second draw.       | $\frac{1}{8}$   |
| 8 ) Find the probability of drawing a black face card on the first draw, replacing it and drawing a Club card on the second draw.  | $\frac{3}{104}$ |
| 9 ) Find the probability of drawing a 3 through 5 on the first draw, replacing it and drawing a Heart card on the second draw.     | $\frac{3}{52}$  |
| 10 ) Find the probability of drawing a black face card on the first draw, replacing it and drawing a face card on the second draw. | $\frac{9}{338}$ |