NAME: _____ DATE: _____

TEACHER: _____

Probability Worksheets With Deck Of Cards

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

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

2) Find the probability of drawing a Spade 2 through 8 on the first draw, replacing it and drawing a face card on the second draw. _____

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

4) Find the probability of drawing a 10 card on the first draw, replacing it and drawing a Queen card on the second draw. _____

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

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

7) Find the probability of drawing a King of Clubs on the first draw, replacing it and drawing a Heart card on the second draw. _____

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

9) Find the probability of drawing a red 8 through 10 on the first draw, replacing it and drawing a face card on the second draw. _____

10) Find the probability of drawing a 9 of Hearts on the first draw, replacing it and drawing a red card on the second draw. _____

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Probability Worksheets With Deck Of Cards

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

1) Find the probability of drawing a face card that is a Diamond on the first draw, replacing it and drawing a 6 card on the second draw. $\frac{3}{676}$

2) Find the probability of drawing a Spade 2 through 8 on the first draw, replacing it and drawing a face card on the second draw. $\frac{21}{676}$

3) Find the probability of drawing a Spade card on the first draw, replacing it and drawing a Spade card on the second draw. $\frac{1}{16}$

4) Find the probability of drawing a 10 card on the first draw, replacing it and drawing a Queen card on the second draw. $\frac{1}{169}$

5) Find the probability of drawing a red card on the first draw, replacing it and drawing a red card on the second draw. $\frac{1}{4}$

6) Find the probability of drawing a black face card on the first draw, replacing it and drawing a red card on the second draw. $\frac{3}{52}$

7) Find the probability of drawing a King of Clubs on the first draw, replacing it and drawing a Heart card on the second draw. $\frac{1}{208}$

8) Find the probability of drawing a 8 of Clubs on the first draw, replacing it and drawing a face card on the second draw. $\frac{3}{676}$

9) Find the probability of drawing a red 8 through 10 on the first draw, replacing it and drawing a face card on the second draw. $\frac{9}{338}$

10) Find the probability of drawing a 9 of Hearts on the first draw, replacing it and drawing a red card on the second draw. $\frac{1}{104}$

