



Math worksheet on 'Probability - Cards, From Hand Ordered, To Fraction (Level 2)'. Part of a broader unit on *and Statistics - Permutations and Combinations Calculations*

Learn online:

[app.mobius.academy/math/units/probability\\_and\\_statistics\\_permutations\\_and\\_combinations](http://app.mobius.academy/math/units/probability_and_statistics_permutations_and_combinations)

1

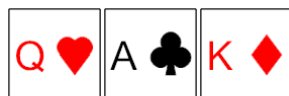
Calculate the probability of drawing 3 Diamonds. Show as a fraction



<b>a</b>	$\frac{6}{210}$	<b>b</b>	$\frac{2}{239}$
<b>c</b>	$\frac{12}{203}$	<b>d</b>	$\frac{5}{195}$
<b>e</b>	$\frac{13}{222}$		

2

Calculate the probability of drawing 2 3s. Show as a fraction



P(2 3s)

<b>a</b>	$\frac{2}{30}$	<b>b</b>	$\frac{5}{0}$
<b>c</b>	$\frac{3}{46}$	<b>d</b>	$\frac{3}{27}$
<b>e</b>	$\frac{2}{57}$		

3

Calculate the probability of drawing 3 10s. Show as a fraction



P(3 10s)

<b>a</b>	$\frac{6}{60}$	<b>b</b>	$\frac{12}{62}$
<b>c</b>	$\frac{3}{83}$	<b>d</b>	$\frac{1}{76}$
<b>e</b>	$\frac{2}{73}$		

4

Calculate the probability of drawing 3 Spades. Show as a fraction

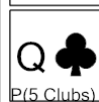


P(3 Spades)

<b>a</b>	$\frac{20}{74}$	<b>b</b>	$\frac{8}{54}$
<b>c</b>	$\frac{6}{60}$	<b>d</b>	$\frac{14}{58}$
<b>e</b>	$\frac{18}{58}$		

5

Calculate the probability of drawing 5 Clubs. Show as a fraction



<b>a</b>	$\frac{133}{2494}$	<b>b</b>	$\frac{132}{2495}$
<b>c</b>	$\frac{119}{2505}$	<b>d</b>	$\frac{120}{2520}$
<b>e</b>	$\frac{129}{2526}$		

6

Calculate the probability of drawing 3 9s. Show as a fraction



<b>a</b>	$\frac{4}{218}$	<b>b</b>	$\frac{17}{189}$
<b>c</b>	$\frac{6}{210}$	<b>d</b>	$\frac{2}{202}$
<b>e</b>	$\frac{1}{183}$		

7

Calculate the probability of drawing 2 Clubs. Show as a fraction



<b>a</b>	$\frac{4}{19}$	<b>b</b>	$\frac{2}{12}$
<b>c</b>	$\frac{6}{15}$	<b>d</b>	$\frac{11}{10}$
<b>e</b>	$\frac{16}{20}$		