Mobius Math Club Name:_____

Math worksheet on *'Probability - Cards, From Hand, Ordered, To Fraction (Level 1)'*. Part of a broader unit on *Probability and Statistics - Permutations and Combinations Calc*

Learn online:

app.mobius.academy/math/units/probability_and_statistics_permutations_and_combi

1

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

P(2 Hearts)

a	$\frac{2}{6}$	**b**	$\frac{15}{34}$
c	$\frac{16}{18}$	**d**	$\frac{3}{3}$
e	$\frac{12}{24}$		

2

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

P(2 Ks)

a	$\frac{3}{6}$	**b**	$\frac{11}{17}$
c	$\frac{3}{25}$	**d**	$\frac{10}{11}$
e	$\frac{2}{6}$		

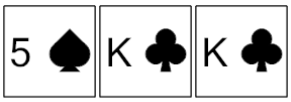
3

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

P(2 Hearts)

a	$\frac{0}{23}$	**b**	$\frac{2}{6}$
c	$\frac{8}{6}$	**d**	$\frac{5}{2}$
e	$\frac{1}{4}$		

4



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

P(2 Clubs)

a	$\frac{11}{12}$	**b**	$\frac{1}{16}$
c	$\frac{3}{7}$	**d**	$\frac{11}{7}$
e	$\frac{2}{6}$		

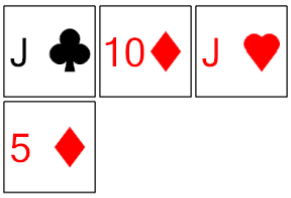
5

Calculate the probability of drawing 2 9s. Show as a fraction

P(2 9s)

a	$\frac{11}{12}$	**b**	$\frac{1}{23}$
c	$\frac{4}{4}$	**d**	$\frac{2}{6}$
e	$\frac{3}{8}$		

6

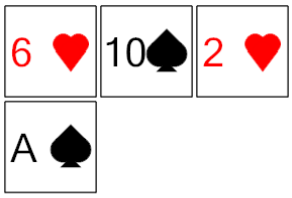


Calculate the probability of drawing 2 Jacks. Show as a fraction

P(2 Js)

a	$\frac{16}{11}$	**b**	$\frac{8}{17}$
c	$\frac{2}{12}$	**d**	$\frac{5}{34}$
e	$\frac{4}{7}$		

7



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

P(2 Hearts)

a	$\frac{2}{12}$	**b**	$\frac{7}{28}$
c	$\frac{6}{2}$	**d**	$\frac{8}{41}$
e	$\frac{1}{19}$		