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	$\frac{15}{17}$	**b**	$\frac{2}{6}$
c	$\frac{1}{27}$	**d**	$\frac{4}{24}$
e	$\frac{10}{22}$		

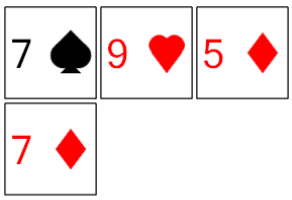
2

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

P(2 Spades)

a	$\frac{3}{4}$	**b**	$\frac{2}{6}$
c	$\frac{0}{17}$	**d**	$\frac{11}{29}$
e	$\frac{13}{4}$		

3

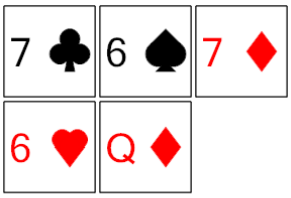


Calculate the probability of drawing 2 7s. Show as a fraction

P(2 7s)

a	$\frac{11}{40}$	**b**	$\frac{2}{29}$
c	$\frac{2}{12}$	**d**	$\frac{13}{1}$
e	$\frac{12}{40}$		

4



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

P(2 Diamonds)

a	$\frac{13}{40}$	**b**	$\frac{11}{4}$
c	$\frac{2}{20}$	**d**	$\frac{14}{44}$
e	$\frac{9}{7}$		

5

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

P(2 Clubs)

a	$\frac{3}{7}$	**b**	$\frac{2}{6}$
c	$\frac{2}{20}$	**d**	$\frac{9}{20}$
e	$\frac{15}{17}$		

6

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

P(2 Diamonds)

a	$\frac{2}{6}$	**b**	$\frac{15}{30}$
c	$\frac{15}{1}$	**d**	$\frac{0}{3}$
e	$\frac{5}{23}$		

7

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

P(2 Clubs)

a	$\frac{16}{15}$	**b**	$\frac{2}{6}$
c	$\frac{1}{8}$	**d**	$\frac{11}{32}$
e	$\frac{2}{31}$		