



Math worksheet on 'Probability - Cards, From Hand, Pick One of Group, To Fraction (Level 2)'. Part of a broader unit on 'Probability and Statistics - Counting and Probability Foundations'

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2

Calculate the probability of drawing any Spade. Show as a fraction

6 ♣	10 ♥	3 ♠
8 ♠	Q ♣	

P(Spade)

a	$\frac{2}{3}$	b	$\frac{3}{3}$
c	$\frac{3}{6}$	d	$\frac{2}{5}$
e	$\frac{1}{6}$		

1

Calculate the probability of drawing any Diamond. Show as a fraction

3 ♣	10 ♦	9 ♥
7 ♦		

P(Diamond)

a	$\frac{5}{5}$	b	$\frac{1}{2}$
c	$\frac{2}{4}$	d	$\frac{3}{4}$
e	$\frac{6}{2}$		

3

Calculate the probability of drawing any Diamond. Show as a fraction

5 ♥	9 ♣	2 ♦
4 ♥	6 ♦	8 ♠

P(Diamond)

a	$\frac{1}{4}$	b	$\frac{2}{6}$
c	$\frac{2}{4}$		

4

Calculate the probability of drawing any Diamond. Show as a fraction

8 ♠	A ♥	9 ♠
10 ♣	6 ♦	

P(Diamond)

a	$\frac{4}{7}$	b	$\frac{3}{7}$
c	$\frac{1}{5}$	d	$\frac{3}{6}$

5

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

Q ♥	10 ♠	8 ♣
5 ♦	3 ♣	

P(5)

a	$\frac{4}{5}$	b	$\frac{1}{4}$
c	$\frac{2}{5}$	d	$\frac{1}{6}$
e	$\frac{1}{5}$		

6

Calculate the probability of drawing any Diamond. Show as a fraction

2 ♦	6 ♣	3 ♦
A ♥	7 ♠	6 ♠

P(Diamond)

a	$\frac{2}{7}$	b	$\frac{1}{4}$
c	$\frac{1}{6}$	d	$\frac{2}{6}$
e	$\frac{6}{8}$		

7

Calculate the probability of drawing any 10. Show as a fraction

10 ♠	2 ♠	5 ♠
9 ♠		

P(10)

a	$\frac{1}{3}$	b	$\frac{3}{2}$
c	$\frac{3}{4}$	d	$\frac{1}{4}$
e	$\frac{1}{5}$		