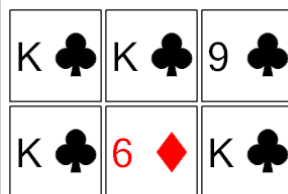# mobius

Math worksheet on *'Probability - Cards, From Hand, Pick One, To Percent (Level 2)'*. Part of a broader unit on *'Probability and Counting - Multiple Events - Intro'*

Learn online:

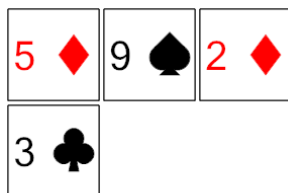app.mobius.academy/math/units/probability_counting_multiple_event_intro/

1

K ♣	K ♣	9 ♣
K ♣	6 ♦	K ♣

P(K Clubs)

Calculate the probability of drawing a King of Clubs. Show as a percent

a 200%		**b** 133%	
c 40%		**d** 55%	
e 67%		**f** 33%	

2

5 ♦	9 ♠	2 ♦
3 ♣		

P(5 Diamonds)

Calculate the probability of drawing a 5 of Diamonds. Show as a percent

a 20%		**b** 23%	
c 75%		**d** 0%	
e 100%		**f** 25%	

3

7 ♦	8 ♦	Q ♣
6 ♦		
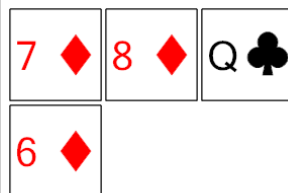
P(7 Diamonds)

Calculate the probability of drawing a 7 of Diamonds. Show as a percent

a 13%		**b** 25%	
c 50%		**d** 75%	
e 100%		**f** 125%	

4

8 ♥	2 ♣	2 ♣
3 ♠	2 ♣	2 ♣

P(2 Clubs)

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

a 133%		**b** 117%	
c 100%		**d** 67%	
e 200%		**f** 17%	

5

8 ♦	8 ♣	8 ♣
8 ♣	8 ♣	4 ♣

P(8 Clubs)

Calculate the probability of drawing a 8 of Clubs. Show as a percent

a 40%		**b** 17%	
c 133%		**d** 78%	
e 67%		**f** 117%	

6

Q ♥	K ♦	10 ♠
10 ♠	K ♦	10 ♠
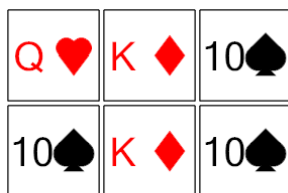
P(10 Spades)

Calculate the probability of drawing a 10 of Spades. Show as a percent

a 50%		**b** 33%	
c 41%		**d** 17%	
e 100%		**f** 83%	

7

Q ♥	A ♣	A ♣
5 ♥	Q ♣	7 ♦

P(Q Hearts)

Calculate the probability of drawing a Queen of Hearts. Show as a percent

a 25%		**b** 0%	
c 33%		**d** 10%	
e 17%		**f** 67%	