



Math worksheet on 'Probability - Cards, From Hand Ordered, To Description of Equation (Level 1)'. Part on 'Probability and Statistics - Permutations and Calculating - Practice'

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**2**

9 ♥	J ♦	3 ♥
8 ♣	3 ♠	

Calculate the probability of drawing 2 3s. Show as a description of the equation needed

**a** ways to draw 2 3s from 2 options  
ways to draw 2 cards from 5

**b** ways to draw 2 3s from 2 options  
ways to order 5 cards

**c** ways to draw 2 cards from 5  
ways to draw 2 3s from 2 options

P(2 3s)

**1**

6 ♣	3 ♣	J ♥
3 ♠	4 ♣	

Calculate the probability of drawing 2 3s. Show as a description of the equation needed

**a** ways to draw 2 3s from 2 options  
ways to order 5 cards

**b** ways to draw 2 cards from 5  
ways to draw 2 3s from 2 options

**c** ways to draw 2 3s from 2 options  
ways to draw 2 cards from 5

P(2 3s)

**3**

4 ♠	9 ♠	9 ♦
8 ♥	4 ♦	

Calculate the probability of drawing 2 9s. Show as a description of the equation needed

**a** ways to draw 2 cards from 5  
ways to draw 2 9s from 2 options

**b** ways to draw 2 9s from 2 options  
ways to order 5 cards

**c** ways to draw 2 9s from 2 options  
ways to draw 2 cards from 5

P(2 9s)

**4**

4 ♠	J ♥	8 ♥

Calculate the probability of drawing 2 Hearts. Show as a description of the equation needed

**a** ways to draw 2 cards from 3  
ways to draw 2 Hearts from 2 options

**b** ways to draw 2 Hearts from 2 options  
ways to draw 2 cards from 3

**c** ways to draw 2 Hearts from 2 options  
ways to order 3 cards

P(2 Hearts)

**5**

9 ♦	6 ♦	7 ♠

Calculate the probability of drawing 2 Diamonds. Show as a description of the equation needed

**a** ways to draw 2 Diamonds from 2 options  
ways to order 3 cards

**b** ways to draw 2 cards from 3  
ways to draw 2 Diamonds from 2 options

**c** ways to draw 2 Diamonds from 2 options  
ways to draw 2 cards from 3

P(2 Diamonds)

**6**

9 ♦	6 ♠	6 ♦

Calculate the probability of drawing 2 6s. Show as a description of the equation needed

**a** ways to draw 2 6s from 2 options  
ways to draw 2 cards from 3

**b** ways to draw 2 cards from 3  
ways to draw 2 6s from 2 options

**c** ways to draw 2 6s from 2 options  
ways to order 3 cards

P(2 6s)

**7**

8 ♣	K ♥	A ♦
A ♥		

Calculate the probability of drawing 2 Aces. Show as a description of the equation needed

**a** ways to draw 2 Aces from 2 options  
ways to draw 2 cards from 4

**b** ways to draw 2 Aces from 2 options  
ways to order 4 cards

**c** ways to draw 2 cards from 4  
ways to draw 2 Aces from 2 options

P(2 As)