Probability Counting - Choose N Cards from M, Count of Total Outcomes - To nCm Notation
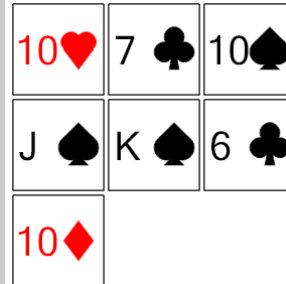
1

3 ♥ | Q ♠ | 3 ♠
3 ♦ | 10 ♠ | 8 ♦
3 ♣
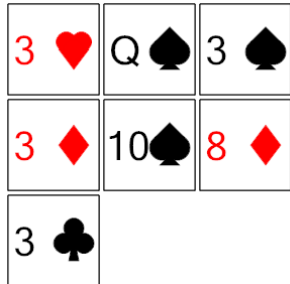
How many total ways can 2 cards be drawn from this set? Show in nCm notation.

A $\quad_9C_2$	B $\quad_7B_2$	
C $\quad_7C_2$	D $\quad_6C_2$	
E $\quad_2C_7$	F $\quad_7P_2$	

2

10 ♥ | 7 ♣ | 10 ♠
J ♠ | K ♠ | 6 ♣
10 ♦

How many total ways can 2 cards be drawn from this set? Show in nCm notation.

A $\quad_7P_2$	B $\quad_7B_2$	
C $\quad_7R_2$	D $\quad_2C_7$	
E $\quad_7C_2$	F $\quad_5C_2$	

3

3 ♣ | 5 ♦ | K ♣
2 ♠ | 3 ♠ | Q ♣
3 ♥
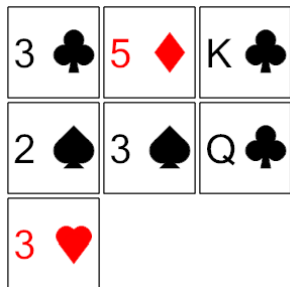
How many total ways can 2 cards be drawn from this set? Show in nCm notation.

A $\quad_7B_2$	B $\quad_7P_2$	
C $\quad_9C_2$	D $\quad_7R_2$	
E $\quad_7C_2$	F $\quad_2C_7$	

4

6 ♥ | 10 ♣ | 6 ♦
6 ♠ | 2 ♣ | J ♥
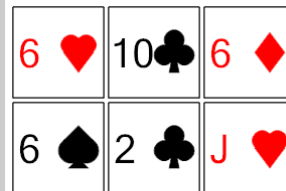
How many total ways can 2 cards be drawn from this set? Show in nCm notation.

A $\quad_6B_2$	B $\quad_2C_6$	
C $\quad_7C_3$	D $\quad_6P_2$	
E $\quad_6C_2$	F $\quad_4C_2$	

5

6 ♣ | 4 ♠ | Q ♣
K ♥ | A ♣ | 4 ♦
4 ♣
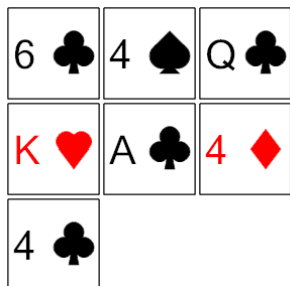
How many total ways can 2 cards be drawn from this set? Show in nCm notation.

A $\quad_9C_2$	B $\quad_2C_7$	
C $\quad_8C_2$	D $\quad_7P_2$	
E $\quad_7B_2$	F $\quad_7C_2$	

6

J ♥ | J ♠ | J ♦
J ♣ | 7 ♥
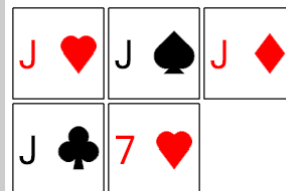
How many total ways can 2 cards be drawn from this set? Show in nCm notation.

A $\quad_5R_2$	B $\quad_3C_2$	
C $\quad_3C_3$	D $\quad_5P_2$	
E $\quad_5B_2$	F $\quad_5C_2$	

7

4 ♣ | 5 ♠ | 4 ♥
4 ♠ | 4 ♦
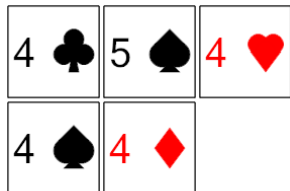
How many total ways can 2 cards be drawn from this set? Show in nCm notation.

A $\quad_2C_5$	B $\quad_5R_2$	
C $\quad_5P_2$	D $\quad_4C_4$	
E $\quad_5B_2$	F $\quad_5C_2$	

8

8 ♥ | K ♠ | K ♦
K ♥ | K ♣ | A ♦
2 ♥
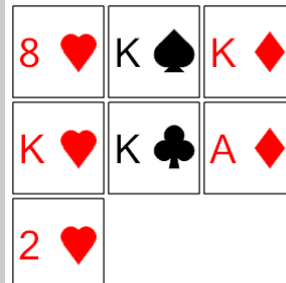
How many total ways can 2 cards be drawn from this set? Show in nCm notation.

A $\quad_7C_2$	B $\quad_7P_2$	
C $\quad_6C_2$	D $\quad_7R_2$	
E $\quad_2C_7$	F $\quad_7B_2$	