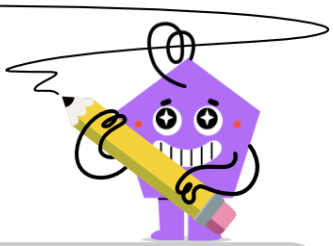
Name



Probability Counting - Choose N Cards from M, Probability Counting - To nCm Notation

1

J♣ 2♥ 2♠
7♦ 2♣ 2♦

What's the chance of drawing three 2s from this set? Show in nCm notation.

A	${}_6C_5$ / ${}_3C_6$	B	${}_4P_3$ / ${}_6P_3$
C	${}_3C_4$ / ${}_6B_3$	D	${}_4C_3$ / ${}_6C_3$
E	${}_4B_3$ / ${}_4C_2$	F	${}_3C_2$ / ${}_8C_2$

2

8♣ 8♠ 8♥
2♥ 8♦

What's the chance of drawing two 8s from this set? Show in nCm notation.

A	${}_4C_2$ / ${}_5C_2$	B	${}_2C_4$ / ${}_5P_2$
C	${}_3C_2$ / ${}_5R_2$	D	${}_4P_2$ / ${}_5P_2$
E	${}_4R_2$ / ${}_5B_2$	F	${}_2C_4$ / ${}_5B_2$

3

K♠ K♣ 8♦
K♥ K♦

What's the chance of drawing two Kings from this set? Show in nCm notation.

A	${}_4P_2$ / ${}_5P_2$	B	${}_2C_4$ / ${}_2C_5$
C	${}_4P_2$ / ${}_5B_2$	D	${}_4B_2$ / ${}_5P_2$
E	${}_4C_2$ / ${}_5C_2$	F	${}_4R_2$ / ${}_5P_2$

4

A♦ 5♥ 5♠
5♣ 3♣ Q♣

What's the chance of drawing two 5s from this set? Show in nCm notation.

A	${}_4C_4$ / ${}_6C_4$	B	${}_3C_2$ / ${}_2C_6$
C	${}_3C_2$ / ${}_6C_2$	D	${}_3P_2$ / ${}_5C_2$
E	${}_3B_2$ / ${}_5C_2$	F	${}_3B_2$ / ${}_6R_2$

5

K♥ K♦ K♣
K♠ 2♣ 10♦

What's the chance of drawing two Kings from this set? Show in nCm notation.

A	${}_4C_2$ / ${}_6C_2$	B	${}_3C_2$ / ${}_6P_2$
C	${}_5C_2$ / ${}_6R_2$	D	${}_4B_2$ / ${}_6P_2$
E	${}_4R_2$ / ${}_4C_2$	F	${}_2C_4$ / ${}_2C_6$

6

A♥ 8♦ 8♠
8♣ 8♥

What's the chance of drawing two 8s from this set? Show in nCm notation.

A	${}_2C_4$ / ${}_5P_2$	B	${}_4P_2$ / ${}_2C_5$
C	${}_4P_2$ / ${}_5R_2$	D	${}_6C_2$ / ${}_5P_2$
E	${}_4C_2$ / ${}_5C_2$	F	${}_6C_4$ / ${}_2C_5$

7

6♥ Q♣ Q♦
7♣ 3♥ Q♥

What's the chance of drawing two Queens from this set? Show in nCm notation.

A	${}_2C_3$ / ${}_7C_2$	B	${}_3C_3$ / ${}_6P_2$
C	${}_4C_2$ / ${}_6P_2$	D	${}_4C_2$ / ${}_2C_6$
E	${}_2C_3$ / ${}_8C_2$	F	${}_3C_2$ / ${}_6C_2$

8

7♣ 10♠ 7♠
7♥ 7♦

What's the chance of drawing three 7s from this set? Show in nCm notation.

A	${}_4C_3$ / ${}_5C_3$	B	${}_3C_4$ / ${}_6C_3$
C	${}_4R_3$ / ${}_3C_5$	D	${}_4P_3$ / ${}_3C_5$
E	${}_4P_3$ / ${}_5P_3$	F	${}_4P_3$ / ${}_5C_3$