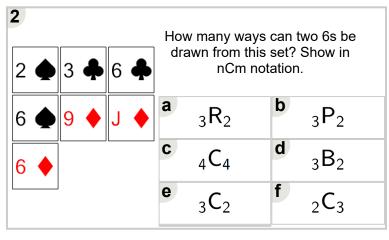Math worksheet on *'Probability Counting - Choose*
Count of Favorable Outcomes - To nCm Notation (L
broader unit on *'Probability and Statistics - Perm*
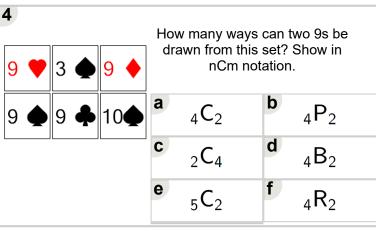*Combinations Calculating - Practice*

Learn online:

1

| 10♦ | A ♦ | 10♠ |
| 10♥ | 4 ♣ | |

How many ways can two 10s be drawn from this set? Show in nCm notation.

a $_3C_2$	**b** $_3P_2$
c $_3C_3$	**d** $_4C_2$
e $_5C_4$	**f** $_5C_2$

2

2 ♠	3 ♣	6 ♣
6 ♠	9 ♦	J ♦
6 ♦		

How many ways can two 6s be drawn from this set? Show in nCm notation.

a $_3R_2$	**b** $_3P_2$
c $_4C_4$	**d** $_3B_2$
e $_3C_2$	**f** $_2C_3$

3

| 10♣ | 10♠ | 10♦ |
| 9 ♦ | 8 ♣ | 10♥ |

How many ways can three 10s be drawn from this set? Show in nCm notation.

a $_4C_3$	**b** $_4B_3$
c $_6C_4$	**d** $_3C_2$
e $_3C_3$	**f** $_3C_4$

4

| 9 ♥ | 3 ♠ | 9 ♦ |
| 9 ♠ | 9 ♣ | 10♠ |

How many ways can two 9s be drawn from this set? Show in nCm notation.

a $_4C_2$	**b** $_4P_2$
c $_2C_4$	**d** $_4B_2$
e $_5C_2$	**f** $_4R_2$

5

| 8 ♦ | 8 ♣ | 8 ♠ |
| 8 ♥ | 3 ♥ | |

How many ways can two 8s be drawn from this set? Show in nCm notation.

a $_3C_2$	**b** $_6C_2$
c $_4B_2$	**d** $_4C_2$
e $_4P_2$	**f** $_2C_4$

6

10♦	4 ♦	10♥
6 ♣	10♠	Q ♥
10♣		

How many ways can three 10s be drawn from this set? Show in nCm notation.

a $_4R_3$	**b** $_3C_4$
c $_4P_3$	**d** $_4C_2$
e $_3C_3$	**f** $_4C_3$

7

| 4 ♦ | 4 ♥ | 4 ♣ |
| 6 ♠ | Q ♣ | A ♦ |

How many ways can two 4s be drawn from this set? Show in nCm notation.

a $_3C_2$	**b** $_2C_3$
c $_3P_2$	**d** $_3R_2$
e $_5C_2$	**f** $_4C_2$