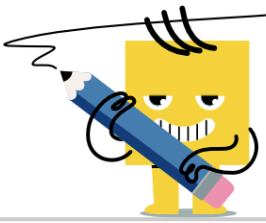
Name

Probability Counting - Ways to Order 4 Cards, 1 Repeat - to Factorial Equation



1

7♦ 4♣ J♦ J♦

How many distinct ways can these cards be ordered? Show as a factorial.

A	$\frac{4!}{2!}$	B	$\frac{4!}{2! \cdot 3!}$
C	$\frac{4!}{4!}$	D	$\frac{4!}{4! \cdot 0!}$
E	$\frac{4!}{2! \cdot 2!}$		

2

A♦ Q♥ A♦ A♦

How many distinct ways can these cards be ordered? Show as a factorial.

A	$\frac{3!}{3!}$	B	$\frac{4!}{3! \cdot 3!}$
C	$\frac{6!}{2! \cdot 3!}$	D	$\frac{4!}{4! \cdot 0!}$
E	$\frac{4!}{3!}$	F	$\frac{4!}{5!}$

3

Q♣ J♦ Q♣ Q♣

How many distinct ways can these cards be ordered? Show as a factorial.

A	$\frac{4!}{3! \cdot 2!}$	B	$\frac{4!}{3!}$
C	$\frac{4!}{4!}$	D	$\frac{3!}{3!}$
E	$\frac{4!}{4! \cdot 0!}$		

4

2♠ 2♠ 4♥ 2♠

How many distinct ways can these cards be ordered? Show as a factorial.

A	$\frac{3!}{3!}$	B	$\frac{4!}{3!}$
C	$\frac{4!}{4! \cdot 0!}$	D	$\frac{5!}{2! \cdot 3!}$
E	$\frac{5!}{3!}$		

5

10♦ Q♦ Q♦ J♥

How many distinct ways can these cards be ordered? Show as a factorial.

A	$\frac{6!}{2! \cdot 2!}$	B	$\frac{4!}{4! \cdot 0!}$
C	$\frac{4!}{3!}$	D	$\frac{4!}{2!}$
E	$\frac{4!}{4!}$	F	$\frac{6!}{2!}$

6

K♥ A♠ 5♥ A♠

How many distinct ways can these cards be ordered? Show as a factorial.

A	$\frac{4!}{2! \cdot 2!}$	B	$\frac{4!}{4!}$
C	$\frac{5!}{2!}$	D	$\frac{4!}{4! \cdot 0!}$
E	$\frac{4!}{2!}$		

7

5♠ J♦ J♦ J♦

How many distinct ways can these cards be ordered? Show as a factorial.

A	$\frac{4!}{4!}$	B	$\frac{4!}{3!}$
C	$\frac{3!}{3!}$	D	$\frac{4!}{4! \cdot 0!}$
E	$\frac{6!}{4! \cdot 3!}$		

8

4♥ 10♦ 6♦ 6♦

How many distinct ways can these cards be ordered? Show as a factorial.

A	$\frac{4!}{2!}$	B	$\frac{4!}{2! \cdot 3!}$
C	$\frac{4!}{4! \cdot 0!}$	D	$\frac{4!}{4!}$