Name

Probability Counting - Ways to Order 3 Cards, 1 Repeat - to Factorial Equation

1

4♥ Q♣ 4♥

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

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

2

10♣ 10♣ 9♥

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

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

3

A♣ A♣ 7♠

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

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

4

A♥ 4♦ A♥

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

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

5

10♣ 4♠ 10♣

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

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

6

Q♥ Q♥ 9♦

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

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

7

J♣ J♣ 3♣

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

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

8

4♣ 7♣ 4♣

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

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