



Probability Counting - Duplicate Orders in 4 Cards, 2 Repeats - to Factorial

Equation

1 How many ways can these cards be arranged to still be arranged smallest to largest? Show as factorial 5 ♦ 5 ♣ 6 ♣ 6 ♦	A $2! \cdot 3!$	B $\frac{1}{2! \cdot 2!}$	C $2! \cdot 2!$	2 How many ways can these cards be arranged to still be arranged smallest to largest? Show as factorial Q ♥ Q ♠ K ♥ K ♦	A $3! \cdot 2!$	B $\frac{2!}{2! \cdot 2!}$	C $2! \cdot 3!$	D $\frac{1}{2! \cdot 2!}$	E $2! \cdot 2!$	F $2! \cdot 4!$
3 How many ways can these cards be arranged to still be arranged smallest to largest? Show as factorial 5 ♥ 5 ♠ 6 ♦ 6 ♥	A $2! \cdot 4!$	B $\frac{1}{2! \cdot 2!}$	C $2! \cdot 2!$	4 How many ways can these cards be arranged to still be arranged smallest to largest? Show as factorial 7 ♣ 7 ♦ 8 ♠ 8 ♦	A $\frac{2!}{2! \cdot 2!}$	B $2! \cdot 2!$	C $\frac{1}{2! \cdot 2!}$	D $2! \cdot 4!$	E $2! \cdot 3!$	F $3! \cdot 2!$
5 How many ways can these cards be arranged to still be arranged smallest to largest? Show as factorial 5 ♥ 5 ♦ 6 ♠ 6 ♦	A $2! \cdot 3!$	B $2! \cdot 2!$	C $\frac{2!}{2! \cdot 2!}$	6 How many ways can these cards be arranged to still be arranged smallest to largest? Show as factorial J ♣ J ♠ Q ♠ Q ♦	A $\frac{2!}{2! \cdot 2!}$	B $\frac{1}{2! \cdot 2!}$	C $2! \cdot 2!$	D $2! \cdot 4!$	E $2! \cdot 3!$	F $4! \cdot 2!$
7 How many ways can these cards be arranged to still be arranged smallest to largest? Show as factorial 9 ♠ 9 ♦ 10 ♠ 10 ♦	A $2! \cdot 4!$	B $2! \cdot 2!$	C $\frac{1}{2! \cdot 2!}$	8 How many ways can these cards be arranged to still be arranged smallest to largest? Show as factorial 9 ♠ 9 ♦ 10 ♠ 10 ♣	A $2! \cdot 4!$	B $\frac{1}{2! \cdot 2!}$	C $2! \cdot 2!$	D $2! \cdot 3!$	E $\frac{2!}{2! \cdot 2!}$	F $4! \cdot 2!$