

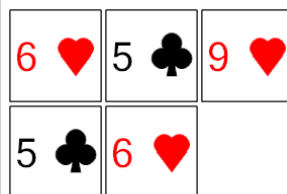


Math worksheet on 'Probability Counting - Ways to Cards, 2 Repeats - to Factorial Equation (Level 1)'. I broader unit on 'Probability and Statistics - Binomial Intro'

Learn online:

app.mobius.academy/math/units/probability_and_statistics_probability_with_binomial

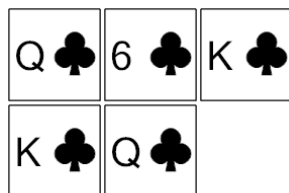
1



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

a	$\frac{6!}{3! \cdot 2! \cdot 2!}$	b	$\frac{5!}{5! \cdot 0!}$
c	$\frac{5!}{3! \cdot 2!}$	d	$\frac{5!}{2! \cdot 4!}$
e	$\frac{5!}{2! \cdot 2!}$	f	$\frac{5!}{2! \cdot 3!}$

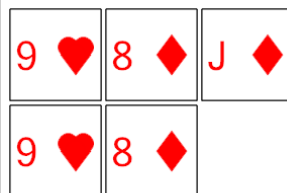
2



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

a	$\frac{5!}{4! \cdot 2!}$	b	$\frac{5!}{3! \cdot 2!}$
c	$\frac{5!}{5! \cdot 0!}$	d	$\frac{5!}{2! \cdot 4!}$
e	$\frac{5!}{2! \cdot 3!}$	f	$\frac{5!}{2! \cdot 2!}$

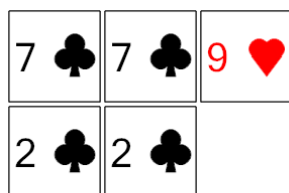
3



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

a	$\frac{5!}{5! \cdot 0!}$	b	$\frac{7!}{2! \cdot 2!}$
c	$\frac{5!}{2! \cdot 2!}$	d	$\frac{6!}{2! \cdot 2! \cdot 2!}$

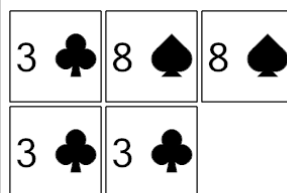
4



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

a	$\frac{4!}{2! \cdot 2!}$	b	$\frac{5!}{2! \cdot 2!}$
c	$\frac{5!}{5! \cdot 0!}$	d	$\frac{6!}{2! \cdot 2!}$
e	$\frac{5!}{4! \cdot 2!}$	f	$\frac{5!}{2! \cdot 3!}$

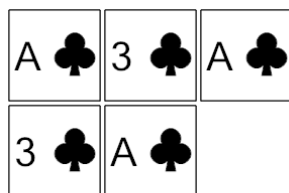
5



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

a	$\frac{5!}{3! \cdot 4!}$	b	$\frac{5!}{3! \cdot 2!}$
c	$\frac{7!}{2! \cdot 3! \cdot 2!}$	d	$\frac{5!}{5! \cdot 0!}$
e	$\frac{6!}{3! \cdot 2!}$		

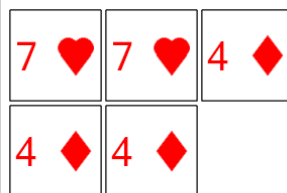
6



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

a	$\frac{5!}{3! \cdot 2!}$	b	$\frac{5!}{3! \cdot 4!}$
c	$\frac{5!}{4! \cdot 2!}$	d	$\frac{5!}{5! \cdot 0!}$

7



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

a	$\frac{6!}{3! \cdot 2!}$	b	$\frac{5!}{3! \cdot 2!}$
c	$\frac{3!}{3! \cdot 2!}$	d	$\frac{5!}{5! \cdot 0!}$