Math worksheet on *'Probability Counting - Ways to O 4 Cards, 0 Repeats - to Factorial Equation (Level 1* Part of a broader unit on *'Probability and Statistics Probability with Factorials Intro'*

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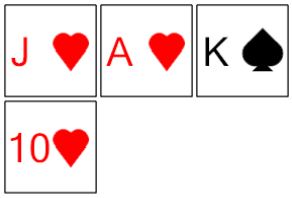
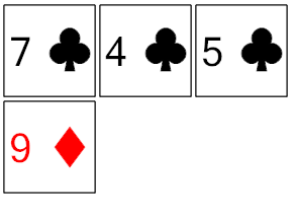
1



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

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

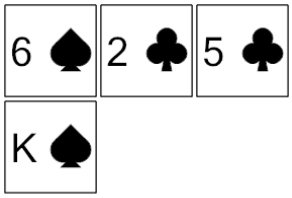
2



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

a	$\frac{4!}{3!}$	**b**	$4!$
c	$6!$	**d**	$\frac{4!}{4! \cdot 0!}$

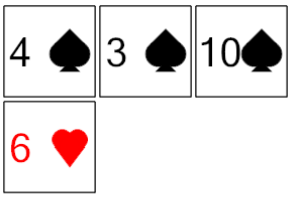
3



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

a	$5!$	**b**	$\frac{4!}{4! \cdot 0!}$
c	$\frac{4!}{1! \cdot 2!}$	**d**	$4!$
e	$\frac{4!}{2!}$		

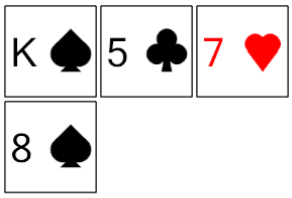
4



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

a	$6!$	**b**	$\frac{4!}{1! \cdot 3!}$
c	$\frac{4!}{4! \cdot 0!}$	**d**	$\frac{4!}{3!}$
e	$4!$	**f**	$\frac{4!}{1! \cdot 2!}$

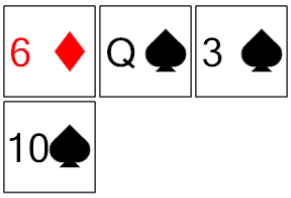
5



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

a	$3!$	**b**	$5!$
c	$\frac{4!}{1! \cdot 2!}$	**d**	$\frac{4!}{4! \cdot 0!}$
e	$4!$	**f**	$\frac{4!}{2!}$

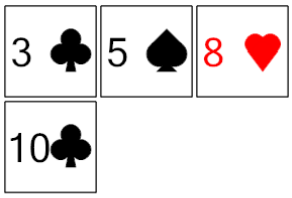
6



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

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

7



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

a	$5!$	**b**	$\frac{4!}{1! \cdot 3!}$
c	$\frac{4!}{4! \cdot 0!}$	**d**	$4!$
e	$\frac{4!}{3!}$		