Math worksheet on *'Probability Counting - Ways to O Cards, 0 Repeats - to Factorial Equation (Level 1)'*. F a broader unit on *'Probability and Statistics - Proba with Factorials Practice'*

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app.mobius.academy/math/units/probability_and_statistics_probability_with_factorials

1

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

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

2

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

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

3

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

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

4

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

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

5

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

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

6

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

a $\frac{3!}{3! \cdot 0!}$	**b** $3!$

7

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

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