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

Learn online:

app.mobius.academy/math/units/probability_and_statistics_probability_with_factorials

1

L O B

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

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

2

X H M

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

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

3

K N H

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

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

4

G M T

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

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

5

P H B

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

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

6

D G Z

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

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

7

U W Q

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

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