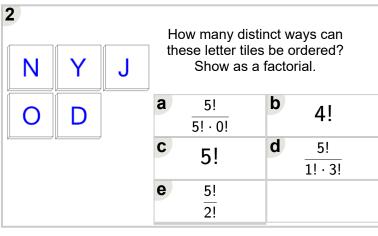Math worksheet on *'Probability Counting - Ways to O...*
Letters, 0 Repeats - to Factorial Equation (Level 1)'. ...
a broader unit on *'Probability and Statistics - Proba...*
with Factorials Practice'

Learn online:
app.mobius.academy/math/units/probability_and_statistics_probability_with_factorials

1

S	J	U
K	C	

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

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

2

N	Y	J
O	D	

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

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

3

E	J	L
N	S	

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

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

4

U	B	J
L	S	

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

a $\frac{6!}{2!}$	**b** $5!$
c $4!$	**d** $\frac{5!}{3!}$
e $\frac{5!}{1! \cdot 2!}$	**f** $\frac{5!}{5! \cdot 0!}$

5

Y	J	V
G	C	

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

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

6

J	N	W
G	O	

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

a $\frac{7!}{3!}$	**b** $\frac{5!}{2!}$
c $\frac{5!}{5! \cdot 0!}$	**d** $\frac{5!}{1! \cdot 3!}$
e $5!$	**f** $\frac{5!}{1! \cdot 2!}$

7

K	V	N
M	B	

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

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