Math worksheet on *'Probability Counting - Duplicat Orders in 3 Letters, 1 Repeat - to Equation (Level 1* Part of a broader unit on *'Probability and Statistics Probability with Factorials Intro'*

Learn online:

app.mobius.academy/math/units/probability_and_statistics_probability_with_factorials

1

P O P

How many ways can these letter tiles be ordered to spell 'POP'? Show as a multiplication.

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

2

N O N

How many ways can these letter tiles be ordered to spell 'NON'? Show as a multiplication.

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

3

O F F

How many ways can these letter tiles be ordered to spell 'OFF'? Show as a multiplication.

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

4

A L L

How many ways can these letter tiles be ordered to spell 'ALL'? Show as a multiplication.

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

5

I N N

How many ways can these letter tiles be ordered to spell 'INN'? Show as a multiplication.

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

6

A P P

How many ways can these letter tiles be ordered to spell 'APP'? Show as a multiplication.

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

7

B O B

How many ways can these letter tiles be ordered to spell 'BOB'? Show as a multiplication.

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