



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

2

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

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

1

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

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

3

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

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

4

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

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

5

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

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

6

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

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

7

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

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