

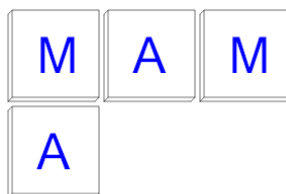


Math worksheet on 'Probability Counting - Duplicate 4 Letters, 2 Repeats - to Factorial Equation (Level 1)'
broader unit on 'Probability and Statistics - Binomial Intro'

Learn online:

app.mobius.academy/math/units/probability_and_statistics/probability_with_binomial

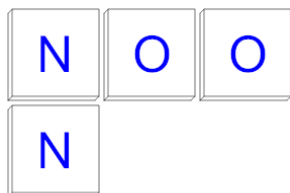
1



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

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

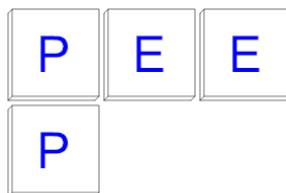
2



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

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

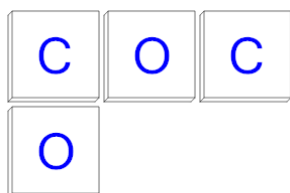
3



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

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

4



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

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