

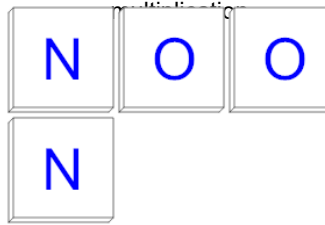


Math worksheet on 'Probability Counting - Duplicate 4 Letters, 2 Repeats - to Equation (Level 1)'. Part of a unit on 'Probability and Statistics - Binomial Notation'.

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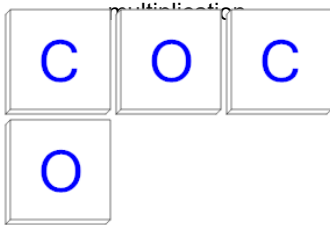
app.mobius.academy/math/units/probability_and_statistics/probability_with_binomial

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



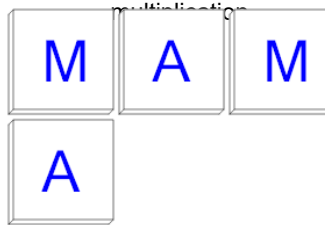
a	$\frac{1}{2 \cdot 2}$	b	$\frac{2}{2 \cdot 2}$
c	$2 \cdot 4 \cdot 3 \cdot 2$	d	$2 \cdot 3 \cdot 2$
e	$2 \cdot 2$	f	$4 \cdot 3 \cdot 2 \cdot 2$

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



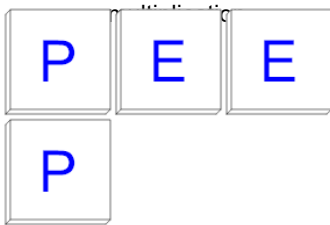
a	$2 \cdot 3 \cdot 2$	b	$4 \cdot 3 \cdot 2 \cdot 2$
c	$2 \cdot 4 \cdot 3 \cdot 2$	d	$\frac{2}{2 \cdot 2}$
e	$\frac{1}{2 \cdot 2}$	f	$2 \cdot 2$

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



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

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



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