

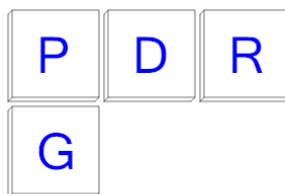


Math worksheet on 'Probability Counting - Ways to O  
4 Letters, 0 Repeats - to Factorial Equation (Level 1  
Part of a broader unit on 'Probability and Statistics  
Probability with Factorials Intro'

Learn online:

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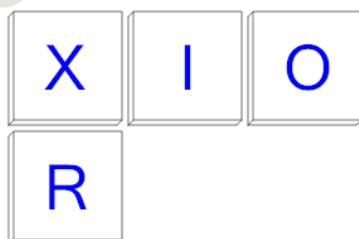
1



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

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

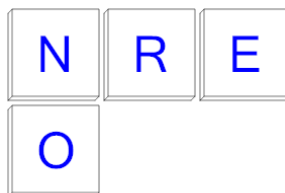
2



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

a	$\frac{4!}{4! \cdot 0!}$	b	$4!$
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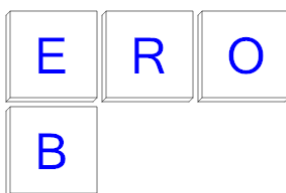
3



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

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

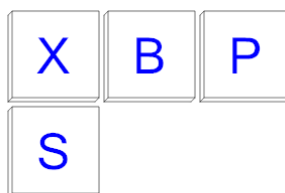
4



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

a	$\frac{6!}{2!}$	b	$4!$
c	$\frac{4!}{4! \cdot 0!}$	d	$3!$

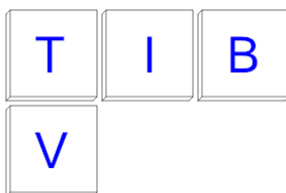
5



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

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

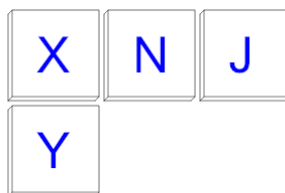
6



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

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

7



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

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