

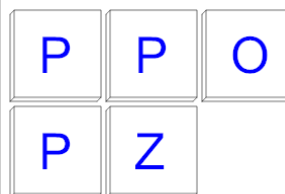


Math worksheet on 'Probability Counting - Ways to O
5 Letters, 1 Repeat - to Factorial Equation (Level 1)'.
of a broader unit on 'Probability and Statistics -
Probability with Factorials Intro'

Learn online:

app.mobius.academy/math/units/probability_and_statistics_probability_with_factorials

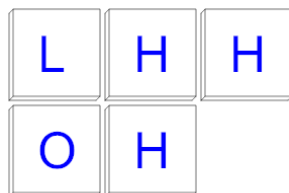
1



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

a	$\frac{5!}{5! \cdot 0!}$	b	$\frac{4!}{3!}$
c	$\frac{5!}{3!}$		

2



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

a	$\frac{5!}{3!}$	b	$\frac{5!}{4!}$
c	$\frac{5!}{5!}$	d	$\frac{7!}{3!}$
e	$\frac{5!}{5! \cdot 0!}$	f	$\frac{5!}{3! \cdot 3!}$

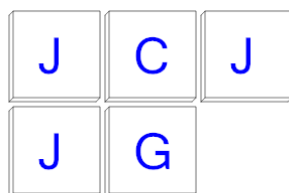
3



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

a	$\frac{5!}{5! \cdot 0!}$	b	$\frac{7!}{3!}$
c	$\frac{5!}{4!}$	d	$\frac{5!}{3!}$
e	$\frac{4!}{3!}$	f	$\frac{5!}{5!}$

4



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

a	$\frac{4!}{3!}$	b	$\frac{5!}{5! \cdot 0!}$
c	$\frac{5!}{3!}$	d	$\frac{6!}{2! \cdot 3!}$

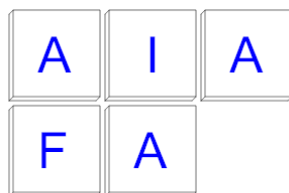
5



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

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

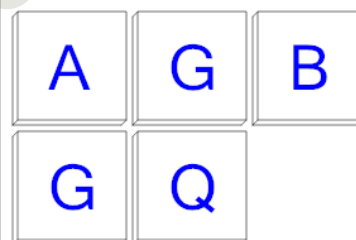
6



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

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

7



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

a	$\frac{5!}{5! \cdot 0!}$	b	$\frac{5!}{2!}$
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