



Math worksheet on 'Probability Counting - Ways to O
5 Letters, 0 Repeats - to Factorial 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

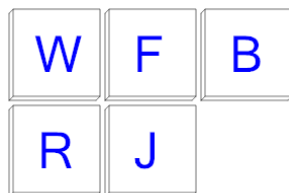
1



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

a	4!	b	3!
c	$\frac{5!}{5! \cdot 0!}$	d	5!
e	$\frac{7!}{2!}$	f	$\frac{5!}{3!}$

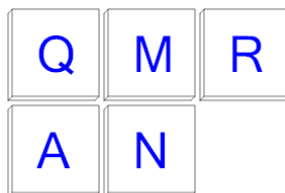
2



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

a	$\frac{5!}{1! \cdot 3!}$	b	$\frac{5!}{5! \cdot 0!}$
c	5!		

3



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

a	5!	b	$\frac{5!}{1! \cdot 2!}$
c	$\frac{5!}{5! \cdot 0!}$	d	7!

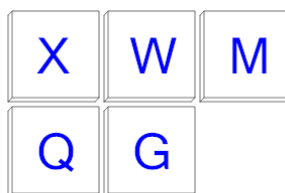
4



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

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

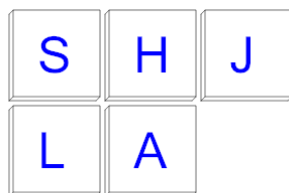
5



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

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

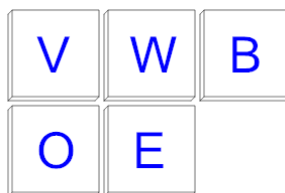
6



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

a	$\frac{5!}{5! \cdot 0!}$	b	5!
c	$\frac{5!}{2!}$	d	7!
e	$\frac{6!}{2!}$	f	4!

7



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

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