



## Probability Counting - Ways to Order 5 Letters, 1 Repeat - to Factorial Equation

1



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

A	$\frac{6!}{3!}$	B	$\frac{5!}{3!}$
C	$\frac{4!}{3!}$	D	$\frac{5!}{5! \cdot 0!}$
E	$\frac{5!}{4!}$		

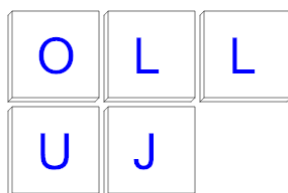
2



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

A	$\frac{4!}{2!}$	B	$\frac{5!}{2! \cdot 2!}$
C	$\frac{5!}{3!}$	D	$\frac{5!}{2!}$
E	$\frac{3!}{2!}$	F	$\frac{5!}{5! \cdot 0!}$

3



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

A	$\frac{5!}{2!}$	B	$\frac{5!}{3!}$
C	$\frac{5!}{5! \cdot 0!}$	D	$\frac{4!}{2!}$
E	$\frac{5!}{4!}$		

4



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

A	$\frac{5!}{3! \cdot 3!}$	B	$\frac{5!}{5!}$
C	$\frac{5!}{5! \cdot 0!}$	D	$\frac{5!}{3!}$
E	$\frac{4!}{3!}$		

5



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

A	$\frac{4!}{2!}$	B	$\frac{5!}{2!}$
C	$\frac{5!}{2! \cdot 3!}$	D	$\frac{5!}{5! \cdot 0!}$
E	$\frac{5!}{3!}$	F	$\frac{3!}{2!}$

6



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	$\frac{7!}{3!}$	D	$\frac{5!}{4!}$
E	$\frac{4!}{3!}$	F	$\frac{5!}{5!}$

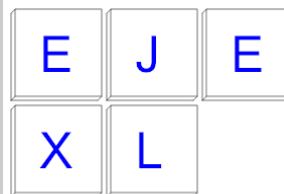
7



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

A	$\frac{5!}{5!}$	B	$\frac{5!}{2! \cdot 3!}$
C	$\frac{7!}{3!}$	D	$\frac{5!}{5! \cdot 0!}$
E	$\frac{5!}{3!}$		

8



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

A	$\frac{5!}{2! \cdot 3!}$	B	$\frac{5!}{2! \cdot 2!}$
C	$\frac{5!}{5! \cdot 0!}$	D	$\frac{5!}{2!}$
E	$\frac{4!}{2!}$		