

## Probability Counting - Ways to Order 3 Letters, 1 Repeat - to Equation

1



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

A	$\frac{5 \cdot 4 \cdot 3 \cdot 2}{2 \cdot 2}$	B	$\frac{3 \cdot 2}{2 \cdot 3 \cdot 2}$
C	$\frac{3 \cdot 2}{2}$	D	$\frac{3 \cdot 2}{4 \cdot 3 \cdot 2}$
E	$\frac{3 \cdot 2}{3 \cdot 2 \cdot 1}$	F	$\frac{3 \cdot 2}{2 \cdot 2}$

2



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

A	$\frac{3 \cdot 2}{3 \cdot 2 \cdot 1}$	B	$\frac{3 \cdot 2}{3 \cdot 2}$
C	$\frac{3 \cdot 2}{2}$	D	$\frac{3 \cdot 2}{4 \cdot 3 \cdot 2}$

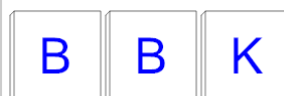
3



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

A	$\frac{3 \cdot 2}{2}$	B	$\frac{3 \cdot 2}{3 \cdot 2 \cdot 1}$
C	$\frac{3 \cdot 2}{2 \cdot 3 \cdot 2}$	D	$\frac{3 \cdot 2}{4 \cdot 3 \cdot 2}$

4



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

A	$\frac{3 \cdot 2}{2 \cdot 3 \cdot 2}$	B	$\frac{3 \cdot 2}{2}$
C	$\frac{3 \cdot 2}{3 \cdot 2 \cdot 1}$		

5



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

A	$\frac{3 \cdot 2}{2}$	B	$\frac{3 \cdot 2}{2 \cdot 3 \cdot 2}$
C	$\frac{3 \cdot 2}{3 \cdot 2 \cdot 1}$	D	$\frac{3 \cdot 2}{3 \cdot 2}$
E	$\frac{3 \cdot 2}{4 \cdot 3 \cdot 2}$	F	$\frac{3 \cdot 2}{2 \cdot 2}$

6



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

A	$\frac{3 \cdot 2}{3 \cdot 2 \cdot 1}$	B	$\frac{3 \cdot 2}{4 \cdot 3 \cdot 2}$
C	$\frac{3 \cdot 2}{2}$	D	$\frac{3 \cdot 2}{3 \cdot 2}$
E	$\frac{3 \cdot 2}{2 \cdot 2}$		

7



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

A	$\frac{3 \cdot 2}{3 \cdot 2 \cdot 1}$	B	$\frac{3 \cdot 2}{2}$
C	$\frac{3 \cdot 2}{3 \cdot 2}$	D	$\frac{3 \cdot 2}{4 \cdot 3 \cdot 2}$
E	$\frac{4 \cdot 3 \cdot 2}{2 \cdot 2}$		

8



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

A	$\frac{3 \cdot 2}{2 \cdot 2}$	B	$\frac{3 \cdot 2}{2}$
C	$\frac{3 \cdot 2}{2 \cdot 3 \cdot 2}$	D	$\frac{3 \cdot 2}{3 \cdot 2 \cdot 1}$
E	$\frac{5 \cdot 4 \cdot 3 \cdot 2}{3 \cdot 2 \cdot 2}$		