Probability Counting - Ways to Order 3 Letters, 0 Repeats - to Equation

1

E Z B

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

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

2

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

Y O D

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

3

O R G

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

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

4

X M A

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

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

5

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

C R B

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

6

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

D Y N

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

7

A V G

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

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

8

D W L

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

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