Name

Probability Counting - Ways to Order 4 Letters, 1 Repeat - to Equation

1

N N N L

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

A $\frac{4 \cdot 3 \cdot 2}{2 \cdot 3 \cdot 2}$

B $\frac{4 \cdot 3 \cdot 2}{3 \cdot 2}$

C $\frac{4 \cdot 3 \cdot 2}{3 \cdot 2 \cdot 3 \cdot 2}$

D $\frac{4 \cdot 3 \cdot 2}{4 \cdot 3 \cdot 2 \cdot 1}$

E $\frac{3 \cdot 2}{3 \cdot 2}$

F $\frac{4 \cdot 3 \cdot 2}{4 \cdot 3 \cdot 2}$

2

J V J T

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

A $\frac{4 \cdot 3 \cdot 2}{4 \cdot 3 \cdot 2 \cdot 1}$

B $\frac{4 \cdot 3 \cdot 2}{2}$

C $\frac{3 \cdot 2}{2}$

3

O Z O O

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

A $\frac{5 \cdot 4 \cdot 3 \cdot 2}{3 \cdot 2}$

B $\frac{4 \cdot 3 \cdot 2}{4 \cdot 3 \cdot 2 \cdot 1}$

C $\frac{4 \cdot 3 \cdot 2}{4 \cdot 3 \cdot 2}$

D $\frac{4 \cdot 3 \cdot 2}{5 \cdot 4 \cdot 3 \cdot 2}$

E $\frac{3 \cdot 2}{3 \cdot 2}$

F $\frac{4 \cdot 3 \cdot 2}{3 \cdot 2}$

4

M K M I

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

A $\frac{5 \cdot 4 \cdot 3 \cdot 2}{2}$

B $\frac{4 \cdot 3 \cdot 2}{4 \cdot 3 \cdot 2 \cdot 1}$

C $\frac{3 \cdot 2}{2}$

D $\frac{4 \cdot 3 \cdot 2}{2}$

E $\frac{4 \cdot 3 \cdot 2}{2 \cdot 2}$

F $\frac{4 \cdot 3 \cdot 2}{2 \cdot 3 \cdot 2}$

5

B S S S

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

A $\frac{5 \cdot 4 \cdot 3 \cdot 2}{2 \cdot 3 \cdot 2}$

B $\frac{4 \cdot 3 \cdot 2}{3 \cdot 2}$

C $\frac{3 \cdot 2}{3 \cdot 2}$

D $\frac{4 \cdot 3 \cdot 2}{4 \cdot 3 \cdot 2 \cdot 1}$

E $\frac{4 \cdot 3 \cdot 2}{3 \cdot 2 \cdot 3 \cdot 2}$

F $\frac{4 \cdot 3 \cdot 2}{3 \cdot 2 \cdot 2}$

6

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

S S L Q

A $\frac{4 \cdot 3 \cdot 2}{2}$

B $\frac{3 \cdot 2}{2}$

C $\frac{5 \cdot 4 \cdot 3 \cdot 2}{3 \cdot 2 \cdot 2}$

D $\frac{4 \cdot 3 \cdot 2}{2 \cdot 3 \cdot 2}$

E $\frac{6 \cdot 5 \cdot 4 \cdot 3 \cdot 2}{3 \cdot 2 \cdot 2}$

F $\frac{4 \cdot 3 \cdot 2}{4 \cdot 3 \cdot 2 \cdot 1}$

7

R R R J

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

A $\frac{4 \cdot 3 \cdot 2}{4 \cdot 3 \cdot 2 \cdot 1}$

B $\frac{4 \cdot 3 \cdot 2}{5 \cdot 4 \cdot 3 \cdot 2}$

C $\frac{4 \cdot 3 \cdot 2}{3 \cdot 2}$

D $\frac{4 \cdot 3 \cdot 2}{4 \cdot 3 \cdot 2}$

8

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

A M M T

A $\frac{4 \cdot 3 \cdot 2}{4 \cdot 3 \cdot 2 \cdot 1}$

B $\frac{4 \cdot 3 \cdot 2}{2 \cdot 3 \cdot 2}$

C $\frac{4 \cdot 3 \cdot 2}{2}$

D $\frac{4 \cdot 3 \cdot 2}{4 \cdot 3 \cdot 2}$

E $\frac{3 \cdot 2}{2}$

F $\frac{6 \cdot 5 \cdot 4 \cdot 3 \cdot 2}{4 \cdot 3 \cdot 2 \cdot 2}$