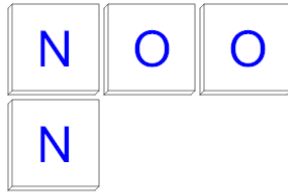




Probability Counting - Duplicate Orders in 4 Letters, 2 Repeats - to Factorial

Equation

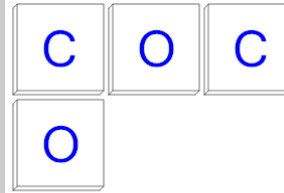
1



How many ways can these letter tiles be ordered to spell 'NOON'? Show as a factorial.

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

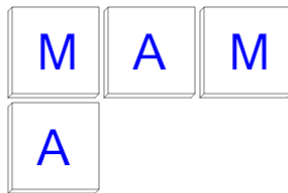
2



How many ways can these letter tiles be ordered to spell 'COCO'? Show as a factorial.

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

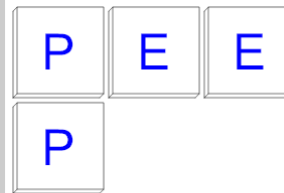
3



How many ways can these letter tiles be ordered to spell 'MAMA'? Show as a factorial.

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

4



How many ways can these letter tiles be ordered to spell 'PEEP'? Show as a factorial.

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