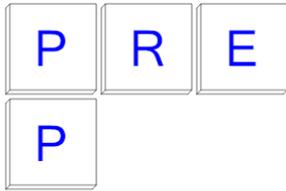


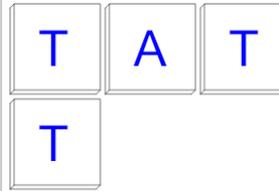
## Probability Counting - Duplicate Orders in 4 Letters, 1 Repeat - to Factorial

### Equation

**1**

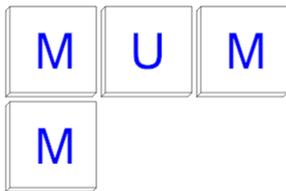
How many ways can these letter tiles be ordered to spell 'PREP'? Show as a factorial.

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

**2**

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

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

**3**

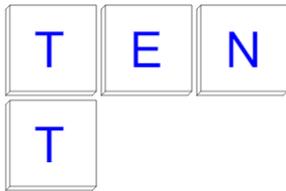
How many ways can these letter tiles be ordered to spell 'MUMM'? Show as a factorial.

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

**4**

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

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

**5**

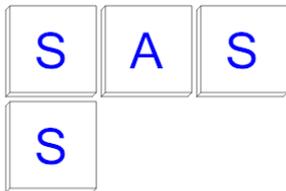
How many ways can these letter tiles be ordered to spell 'TENT'? Show as a factorial.

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

**6**

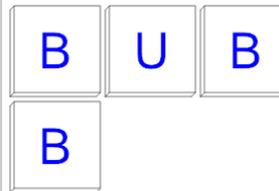
How many ways can these letter tiles be ordered to spell 'FOOT'? Show as a factorial.

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

**7**

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

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

**8**

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

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