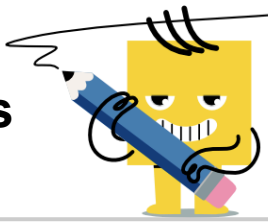
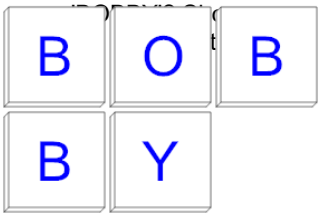
Name

Probability Counting - Duplicate Orders in 5 Letters, 1 Repeat - to Equation



1 How many ways can these letter tiles be ordered to spell



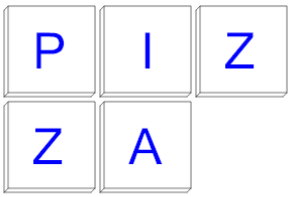
A $\frac{2}{3 \cdot 2 \cdot 1}$	B $3 \cdot 2 \cdot 2$
C $4 \cdot 3 \cdot 2$	D $5 \cdot 4 \cdot 3 \cdot 2$
E $3 \cdot 2$	F $\frac{1}{3 \cdot 2 \cdot 1}$

2

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

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

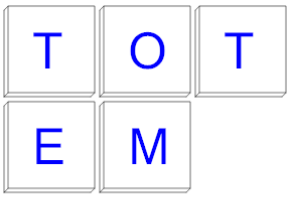
3



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

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

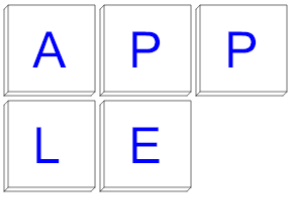
4



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

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

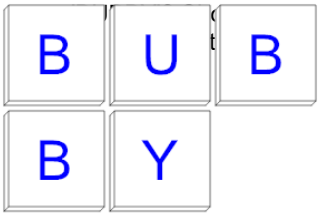
5



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

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

6 How many ways can these letter tiles be ordered to spell

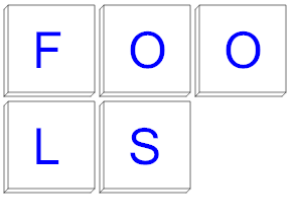


A $5 \cdot 4 \cdot 3 \cdot 2$	B $3 \cdot 2 \cdot 2$
C $\frac{1}{3 \cdot 2 \cdot 1}$	D $\frac{2}{3 \cdot 2 \cdot 1}$
E $3 \cdot 2$	F $3 \cdot 2 \cdot 3 \cdot 2$

7 How many ways can these letter tiles be ordered to spell

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

8



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

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