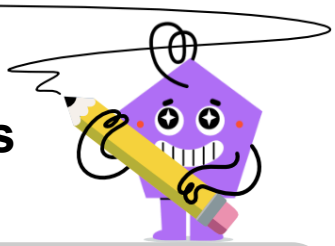
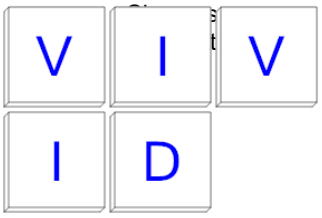
Name

Probability Counting - Duplicate Orders in 5 Letters, 2 Repeat - to Equation



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



A $2 \cdot 2$

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

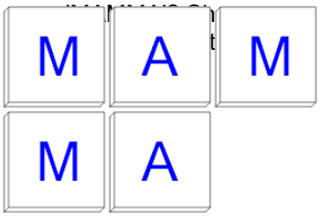
C $4 \cdot 3 \cdot 2 \cdot 2$

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

E $2 \cdot 4 \cdot 3 \cdot 2$

F $3 \cdot 2 \cdot 2$

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



A $3 \cdot 2 \cdot 3 \cdot 2$

B $4 \cdot 3 \cdot 2 \cdot 2$

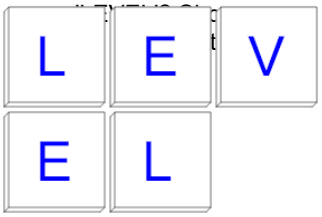
C $\frac{2}{3 \cdot 2 \cdot 2}$

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

E $3 \cdot 2 \cdot 2$

F $3 \cdot 2 \cdot 4 \cdot 3 \cdot 2$

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



A $2 \cdot 4 \cdot 3 \cdot 2$

B $2 \cdot 3 \cdot 2$

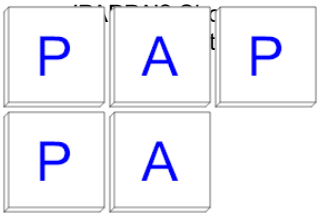
C $\frac{2}{2 \cdot 2}$

D $2 \cdot 2$

E $4 \cdot 3 \cdot 2 \cdot 2$

F $3 \cdot 2 \cdot 2$

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



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

B $4 \cdot 3 \cdot 2 \cdot 2$

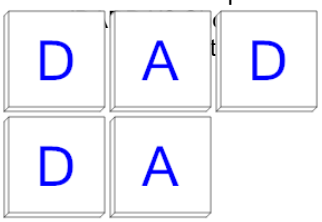
C $3 \cdot 2 \cdot 4 \cdot 3 \cdot 2$

D $3 \cdot 2 \cdot 2$

E $5 \cdot 4 \cdot 3 \cdot 2 \cdot 2$

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

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



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

B $3 \cdot 2 \cdot 4 \cdot 3 \cdot 2$

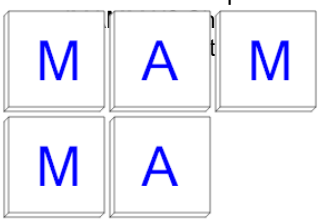
C $3 \cdot 2 \cdot 3 \cdot 2$

D $5 \cdot 4 \cdot 3 \cdot 2 \cdot 2$

E $\frac{1}{3 \cdot 2 \cdot 2}$

F $3 \cdot 2 \cdot 2$

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



A $2 \cdot 3 \cdot 2$

B $4 \cdot 3 \cdot 2 \cdot 3 \cdot 2$

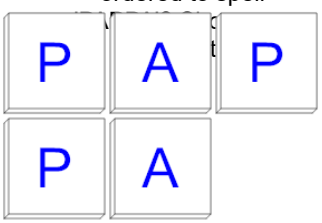
C $\frac{1}{2 \cdot 3 \cdot 2}$

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

E $2 \cdot 5 \cdot 4 \cdot 3 \cdot 2$

F $2 \cdot 4 \cdot 3 \cdot 2$

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



A $3 \cdot 2 \cdot 3 \cdot 2$

B $2 \cdot 3 \cdot 2$

C $2 \cdot 5 \cdot 4 \cdot 3 \cdot 2$

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

E $4 \cdot 3 \cdot 2 \cdot 3 \cdot 2$

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

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

A $2 \cdot 3 \cdot 2$

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

C $3 \cdot 2 \cdot 2$

D $2 \cdot 4 \cdot 3 \cdot 2$

E $\frac{1}{2 \cdot 2}$

F $2 \cdot 2$