Name

Probability Counting - Choose N Letters from M, Count of Favorable Outcomes - To Bracket Notation

1 How many ways can 2 vowels be drawn from this set? Show as a

S I I B G A K

A $\binom{3}{3}$ B $\binom{3}{2}$ C $\binom{5}{2}$ D $\binom{2}{3}$ E $\binom{5}{3}$

2 How many ways can 2 vowels be drawn from this set? Show as a

E O R A A

A $\binom{3}{3}$ B $\binom{5}{2}$ C $\binom{4}{4}$ D $\binom{5}{4}$ E $\binom{4}{2}$ F $\binom{2}{4}$

3 How many ways can 2 vowels be drawn from this set? Show as a

E U Z U E

A $\binom{5}{3}$ B $\binom{3}{3}$ C $\binom{3}{2}$ D $\binom{4}{2}$ E $\binom{2}{4}$ F $\binom{4}{4}$

4 How many ways can 2 vowels be drawn from this set? Show as a

I K W I U H

A $\binom{4}{3}$ B $\binom{2}{3}$ C $\binom{4}{2}$ D $\binom{5}{2}$ E $\binom{3}{3}$ F $\binom{3}{2}$

5 How many ways can 2 vowels be drawn from this set? Show as a

S A A I W

A $\binom{4}{2}$ B $\binom{5}{2}$ C $\binom{2}{3}$ D $\binom{3}{2}$ E $\binom{4}{4}$ F $\binom{3}{3}$

6 How many ways can 2 vowels be drawn from this set? Show as a

I I A A S

A $\binom{3}{2}$ B $\binom{2}{4}$ C $\binom{3}{3}$ D $\binom{6}{2}$ E $\binom{4}{2}$ F $\binom{5}{2}$

7 How many ways can 2 vowels be drawn from this set? Show as a

E C I I T W

A $\binom{5}{2}$ B $\binom{3}{2}$ C $\binom{4}{2}$ D $\binom{2}{3}$ E $\binom{3}{3}$

8 How many ways can 3 vowels be drawn from this set? Show as a

K A H I T I A

A $\binom{3}{2}$ B $\binom{3}{3}$ C $\binom{4}{3}$ D $\binom{6}{5}$ E $\binom{4}{2}$ F $\binom{3}{4}$