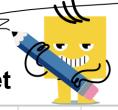


## mobius

## Probability Counting - Choose N Letters from M, Probability Counting - To Bracket



What's the chan	<b>dotation</b>	B / // \	C (1)	■ What's the chance of ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	A . 45	B (2)	C (2)
drawing 3 vowels this set? Show	from (3)	$\binom{4}{3}$	$\binom{4}{2}$	What's the chance of drawing 2 vowels from this set? Show as	$\binom{4}{2}$	$\binom{2}{4}$	$\binom{3}{3}$
	76	$\frac{(5)}{(5)}$	$\frac{\langle 2 \rangle}{\langle 7 \rangle}$		$\frac{(2)}{(5)}$	$\frac{(4)}{(3)}$	$\frac{(3)}{(6)}$
	$\left  \left( \begin{smallmatrix} 0 \\ 5 \end{smallmatrix} \right) \right $	$\binom{3}{3}$	$\binom{7}{3}$		$\binom{3}{2}$	$\binom{3}{3}$	$\binom{0}{3}$
		Г -	-		D .	E _	E 4
O   E	(3)	(3)	(3)		(4)	(2)	(0)
	$\frac{\langle 4 \rangle}{\langle 2 \rangle}$	$\frac{4}{2}$	$\frac{3}{4}$		$\frac{(4)}{(2)}$	$\frac{4}{2}$	$\frac{(2)}{(6)}$
	$\begin{pmatrix} 3 \\ 3 \end{pmatrix}$	$\binom{3}{5}$	$\binom{4}{2}$		$\binom{2}{5}$	(	$\binom{6}{4}$
		(5)	(2)			(5)	(4)
What's the chance drawing 3 vowels	from $\int \int \int$	$^{\text{B}}(4)$	$^{c}(3)$	What's the chance of drawing 2 vowels from	<sup>A</sup> (5)	$^{B}(4)$	$^{c}(3)$
this set? Show		(2)	(4)	this set? Show as	(3)	$\frac{2}{2}$	(3)
│ │ W │ U │	$\bigcup \left  \right  \right  \right  \right  \right  \right  \right $	$\binom{4}{5}$	$\binom{3}{2}$	BRA	$\begin{pmatrix} 7 \end{pmatrix}$	$\binom{5}{1}$	$\binom{2}{-}$
	(3)	(3)	(5)		(4)	(4)	(5)
UA	<sup>D</sup> (5)	E(3)	<sup>F</sup> (4)	AO	<sup>D</sup> (2)	E/5)	<sup>F</sup> (3)
	(4)	(3)	(3)		(3)	(2)	(2)
	$\sqrt{5}$	$\sqrt{5}$	$\sqrt{5}$		$\overline{(2)}$	$\overline{(2)}$	$\sqrt{5}$
	(2)	(3)	(3)		(5)	(5)	(2)
What's the chanc drawing 2 vowels		B/3)	c <sub>(3)</sub>	6 What's the chance of drawing 2 vowels from	A/6)	B/4)	c/3)
this set? Show		$\binom{3}{3}$	$\binom{2}{2}$	this set? Show as	$\binom{4}{4}$	$\binom{2}{2}$	$\binom{3}{3}$
AII	$=$ $\sqrt{5}$	$\sqrt{4}$	<u>(8)</u>	A   U   I	$\sqrt{4}$	<u>(5)</u>	$\overline{(3)}$
	(2)	$\binom{2}{2}$	(3)		$\binom{2}{2}$	(2)	(3)
	P D (2)	E(3)	<sup>F</sup> /5\		D/6)	E/3\	F <sub>(</sub> 4)
EZ	$\begin{pmatrix} 2 \\ 3 \end{pmatrix}$	$\binom{3}{2}$	$\binom{3}{2}$		$\binom{6}{2}$	$\binom{3}{3}$	$\begin{pmatrix} 4 \end{pmatrix}$
	$\frac{3}{4}$	$\frac{\langle 2 \rangle}{(6)}$			$\frac{\langle 2 \rangle}{\langle 4 \rangle}$	$\frac{\langle 5 \rangle}{\langle 5 \rangle}$	$\frac{\langle 4 \rangle}{\langle 2 \rangle}$
	$\binom{1}{2}$	$\binom{3}{2}$	${\binom{2}{6}}$		$\binom{1}{2}$	$\binom{3}{2}$	$\binom{-}{5}$
7 What's the chand	o of A	В	0	What's the chance of drawing 3 yowels from	Λ .	D	0
drawing 2 vowels this set? Show		$\binom{3}{2}$	$\binom{3}{3}$	drawing 3 vowels from this set? Show as	$\binom{6}{5}$	$\binom{5}{4}$	$\binom{5}{5}$
		$\frac{\langle 2 \rangle}{\langle 5 \rangle}$	$\frac{(3)}{(7)}$		$\frac{(3)}{(4)}$	$\frac{\langle 4 \rangle}{\langle 7 \rangle}$	$\frac{(3)}{(3)}$
A   I	$\bigcup$ $\binom{2}{5}$	$\binom{3}{2}$	$\binom{7}{2}$		$\binom{7}{2}$	$\binom{7}{5}$	$\binom{5}{5}$
		_	-		D	г .	Г -
JS	/3/	$\binom{5}{2}$	141	$  \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	(3)	<i>(</i> 4)	(3)
	$\frac{3}{4}$		$\frac{3}{3}$		$\frac{4}{5}$	$\frac{3}{5}$	$\frac{4}{4}$
	$\binom{4}{2}$	$\binom{7}{2}$	$\binom{2}{5}$		$\binom{5}{2}$	$\binom{5}{3}$	$\binom{4}{2}$
	(2)	(2)	(5)		(2)	(5)	(2)