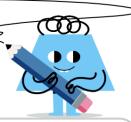


mobius

Probability Counting - Duplicate Orders in 5 Letters, 2 Repeats - to Answer



1 How many ways can these						2 How many ways can these				
V		V	letter tiles be or 'VIVI	D	letter tiles be ordered to spell					
	D		A 12	B 4	D	A		A 12	B 240	
			C 48					c 36	D 48	
								E 144		
3			How many wa	ys can these	4			How many wa	ays can these	
M	letter tiles be ordered to spell			M	A letter tiles be ordered to spell 'MAMMA'?					
M	Α		A 36	B 48	M	A		^A 36	B 240	
			^C 12	D 144			,	C 48	D 12	
			E 240					E 144		
Mow many ways can these					6 How many ways can these					
P	A	P	letter tiles he ordered to snell			A	D	letter tiles be ordered to spell 'RADAR'?		
P	A		A 240	B 144	A	R		A 48	B 12	
	<u>, </u>		c 48	D 36			<i>,</i>	C 4		
			E 12							
7	How many wa	vs can these	8 How many ways can these							
	E	V	letter tiles be ordered to spell 'LEVEL'?		Р	A	P	letter tiles be ordered to spell 'PAPPA'?		
E	L		A 48	В 4	P	A		A 12	B 144	
	V		c 12		<u> </u>	<u> </u>	<i>,</i>	c 36	D 48	
								E 240		