

## New Maths GCSE: N5 - Systematic Listing Strategies

Name	<u>;</u> :			Date:
In a bag there is a red counter, a blue counter, a green counter and a yellow counter.				Correct Answer: A B C D
			counter.	Explanation:
You pick two counters out of the bag at the same time.				
How many different combinations of colours				
are possible?				
А	4	В	6	
С	10	D	16	
				I
V-	Land the Calleston	•		Correct Answer: A B C D
You have the following coins: 1p, 2p, 5p, 5p, 10p, 10p, 20p.				Explanation:
				Explanation.
Using two of the coins, how many ways can you make a total greater than 15p?				
А	6	В	7	
С	8	D	14	
	0		14	
				Correct Answer: A B C D
l			400	Explanation:
How many numbers between 100 and 200 have at least one digit that is 7?				
А	9	В	10	
	,			
С	19	D	20	

A drinks machine sells Tea, Coffee and Hot	Correct Answer: A B C D
Vimto.	Explanation:
Jenny buys 2 drinks at random.	
How many different combinations of 2 drinks	
are possible?	
A 3 B 6	
_	
<b>c</b> 8 <b>d</b> 9	
	Correct Answer: A B C D
In a café there are a choice of three drinks and five sandwiches.	
live salidwiches.	Explanation:
How many different combinations of a drink and a sandwich are there?	
and a sandwich are there?	
A 15 B 2	
A 15 B 2	
<b>©</b> 8 <b>D</b> 35	
Tara has F shirts A resins of traverses and C	Correct Answer: A B C D
Tom has 5 shirts, 4 pairs of trousers and 6 pairs of socks.	Correct Answer: A B C D Explanation:
pairs of socks.	
pairs of socks.  How many different combinations of shirt,	
pairs of socks.  How many different combinations of shirt,	
pairs of socks.  How many different combinations of shirt, trousers and socks does he have?	
pairs of socks.  How many different combinations of shirt, trousers and socks does he have?  A 120  B 15	
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How many three-digit numbers are even?	Correct Answer: A B C D
	Explanation:
NOTE: the first digit cannot be zero, so 075 does not count.	
does not count.	
A 450 B 451	
<b>c</b> 400 <b>D</b> 500	
	Correct Answer: A B C D
How many factors of 60 are less than 20?	Explanation:
7 8	
_	
© 9 D 10	
	Correct Answer: A B C D
What is the largest odd number you can make using these cards?	Explanation:
	2,5,0,100,0,11
5 2 9 8 4	
- 00405	
98425 8 98542	
© 85429	
05449 44589	