

The Product Rule for Counting *ramp up*

a Pick one item from a list of 3 or a list of 5. How many choices are there? _____	b How many four digit codes use the digits 0 to 9, with repeats? _____	c How many three digit numbers have only odd digits? _____	d How many three digit numbers are multiples of 5? _____
e How many three digit numbers are greater than 600? _____	f How many arrangements of A, B, C, D, E start with A? _____	g How many arrangements of A, B, C, D, E start and end with a vowel? _____	h How many even five digit numbers use each of 1, 2, 3, 4, 5 once? _____
i How many odd two digit numbers have two different digits? _____	j With no letter used twice, n letters make 60 three letter codes. Find n . _____	k How many groups of 3 can you choose from A, B, C, D, E? _____	l How many odd three digit numbers have three different digits? _____

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