

a List all the two digit numbers that use 3 and 8 once each <u>38, 83</u> a different order is a different number	b List all the two digit numbers you can make with two of 2, 5 and 7 <u>25, 27, 52, 57, 72, 75</u> choosing two of three digits	c How many different three digit numbers use 1, 4 and 9 once each? <u>6</u> arranging three digits (all six)	d A digit can be used twice. List all the two digit numbers you can make from 4 and 9 <u>44, 49, 94, 99</u> repeats allowed
e A code is one letter (A or B) then one digit (1, 2 or 3). List all the codes <u>A1, A2, A3, B1, B2, B3</u> one from each of two lists	f AB and BA are the same pair. List all the pairs of letters from A, B, C and D <u>AB, AC, AD, BC, BD, CD</u> pairs where order does not matter	g List all the odd two digit numbers you can make with two of 1, 3, 6 and 8 <u>13, 31, 61, 63, 81, 83</u> a condition on the last digit	h List all the three digit numbers that use the digits 1, 1 and 2 <u>112, 121, 211</u> a repeated digit (fewer orders)
i List all the three digit numbers that use 0, 5 and 7 once each <u>507, 570, 705, 750</u> zero cannot come first	j The order does not matter. Which pairs of positive whole numbers add to 8? <u>1 + 7, 2 + 6, 3 + 5, 4 + 4</u> pairs that make a total	k AB and BA are the same pair. How many pairs can A, B, C, D, E, F make? <u>15</u> counting pairs (5 + 4 + 3 + 2 + 1)	l How many different ways can you put A, B, C, D in a line? <u>24</u> arranging four (six start with each)

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