Numbers and letters

This task is about combinations.

Issa was arranging letters and numbers in different combinations.
She found that the letters a and b can only be combined in two ways, *ab* and *ba*,
but if there were three letters, she could combine them in six different ways.

a) Write down all the different ways Issa could combine all three of the letters a, b, and c in the box below.

b) Using a pattern Issa then wrote down all the different combinations of the numbers 1, 2, 3, and 4.

Fill in the six missing combinations in the spaces below.

1234	**1243**	**1324**	**1342**	**1423**	**1432**
2134	**2143**	**2314**	**2341**	**2413**	**2431**
3124	**3142**	_____	_____	**3412**	_____
4123	**4132**	_____	**4231**	_____	_____