7. A mini-sudoku is a 4 by 4 grid, where each row, column and 2 by 2 outlined block contains the digits 1, 2, 3 and 4 once and once only. How many different ways are there of completing the mini-sudoku shown?

1			
	2		
		3	
			4

A 1   B 2   C 4   D 8   E 12

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7. **B** The top left 2 by 2 outlined block must contain a 3 and a 4 and this can be done in two ways. For each choice there is only one way to complete the entire mini-sudoku.