



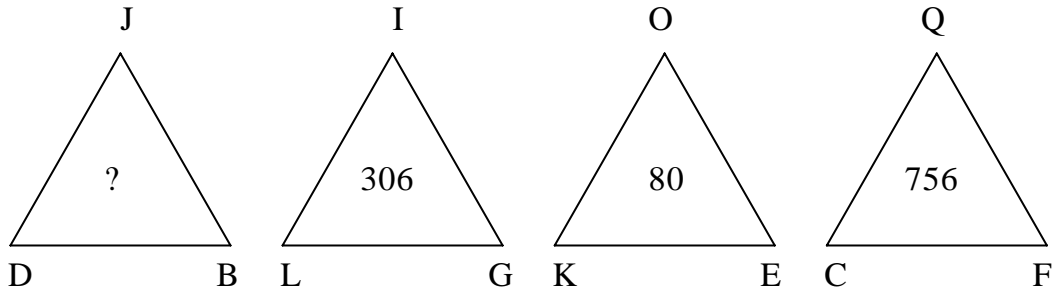
Neurological Nasties

II

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1. Can you work out which number fits into the first triangle ?



2. There is a relationship between the columns of numbers in this diagram. The letters above the grid are there to help you. Which number should be placed in the empty squares ?

A	B	C	D	E
6	1	5	7	
5	1	4	6	
4	2	2	6	4
3	2	1	5	4
4	1	3	5	

3. Find three numbers such that their sum is a perfect square, and the sum of any two is a perfect square. Can you find these three numbers, all of which are less than 500 ?