

NMOS Questions (30 Apr 2012)

- 1) Looking at the pattern of numbers in the table below. Find the three numbers that are found in row 2102 and which columns will these three numbers be found?

Row 1	1	2	3		
Row 2			4	5	6
Row 3	7	8	9		
Row 4			10	11	12
Row 5	13	14	15		
Row 6			16	17	18
...		
...		
Row 2102	A	B	C	D	E

Ans. C = **6304**, D = **6305**, E = **6306**

- 2) Clara claimed that, "If you add all the multiples of five from 1 to 150, you will get a total of 2350."

Is it true? Can you prove your answer?

$$\text{Sum} = \frac{30 \times 155}{2} = 2325$$

Ans. **No, it is not true.**