Class Eight

<u>Unit # 2</u>

Q: Find the solution of the following question by using the method of elimination.

2x - 3y = 6

3x + 5y = 0

Solution.

 $(2x - 3y = 6) - ---- \rightarrow 1)$ $(3x + 5y = 0) - ---- \rightarrow 2)$ To eliminate x or y we have the family in both eq 1 and eq 2. So, to do to houritiplies on 12 vites and equation 2 with 2. 3(2x - 3y = 6) $6x - 9y = 18 - ---- \rightarrow 3)$ Now multiply eq 2 with 2 2(3x + 5y = 0) $6x + 10y = 0 - ---- \rightarrow 4)$

Now subtract eq no 3 and 4