Answer on Question #79101 - Chemistry - General Chemistry

Question:

Hi, I was going through your Answer on Question #56945 - Chemistry - General Chemistry. Question - The concentrations after mixing would become: NH3 - 2M; AgNO3 - 0.25M. How come you have used the initial values before mixing?

Solution:

$2NH_3 + AgNO_3 = Ag(NH_3)_2NO_3$;

C(AgNO3) = 0.25 M;

C(NH3) = 0.5 M.