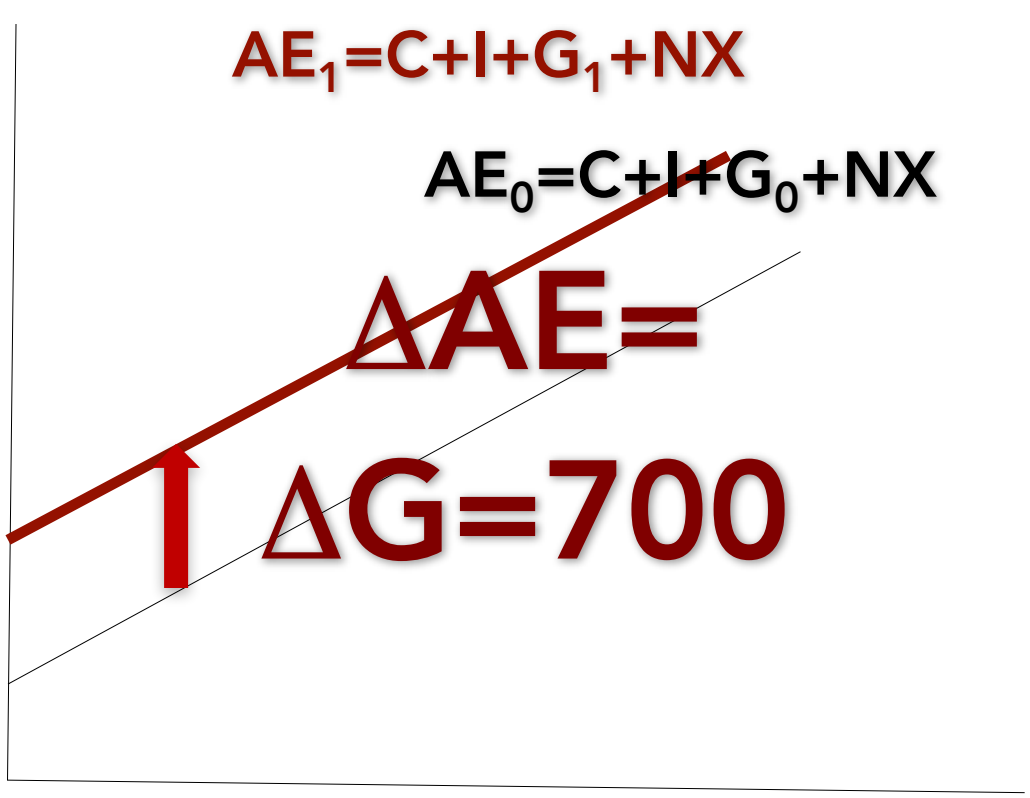
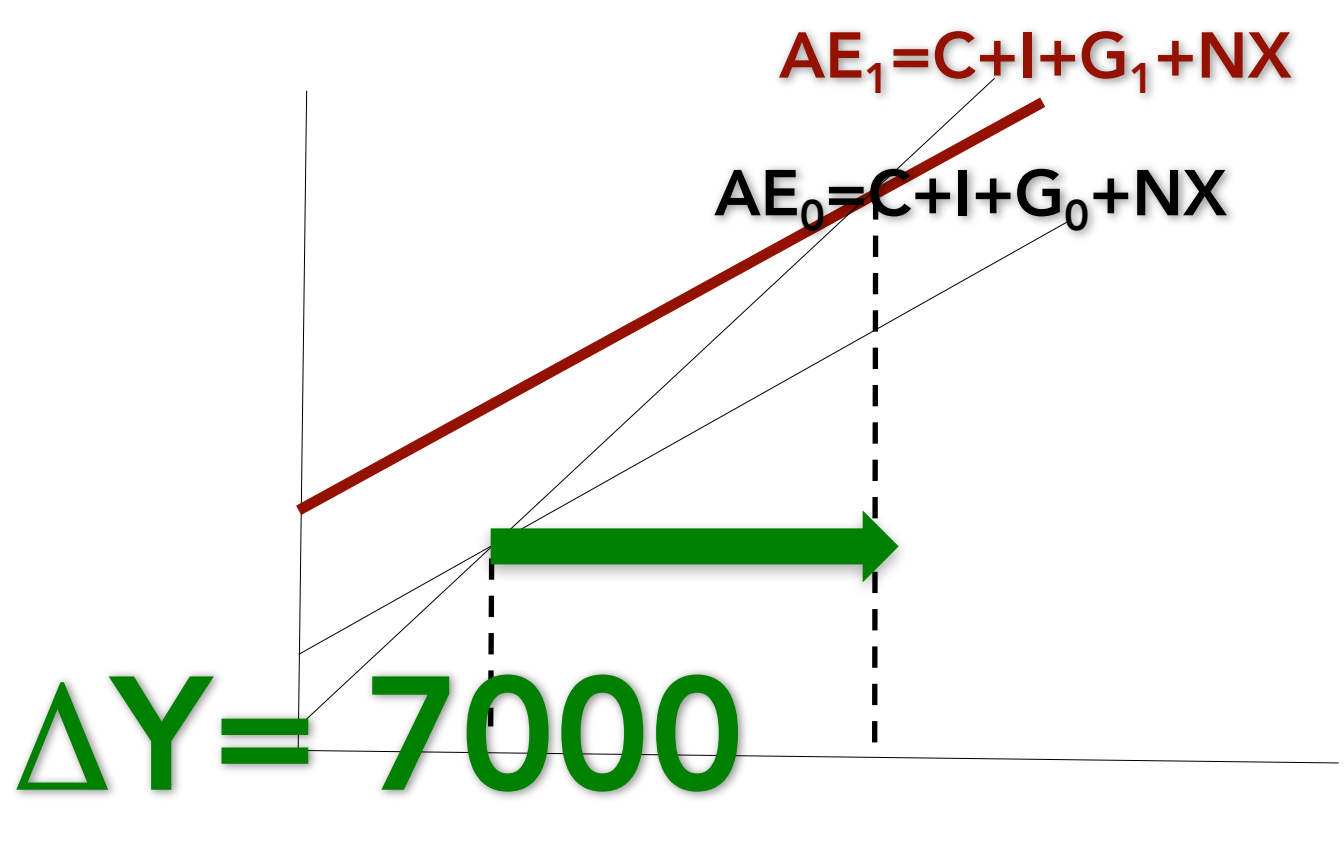
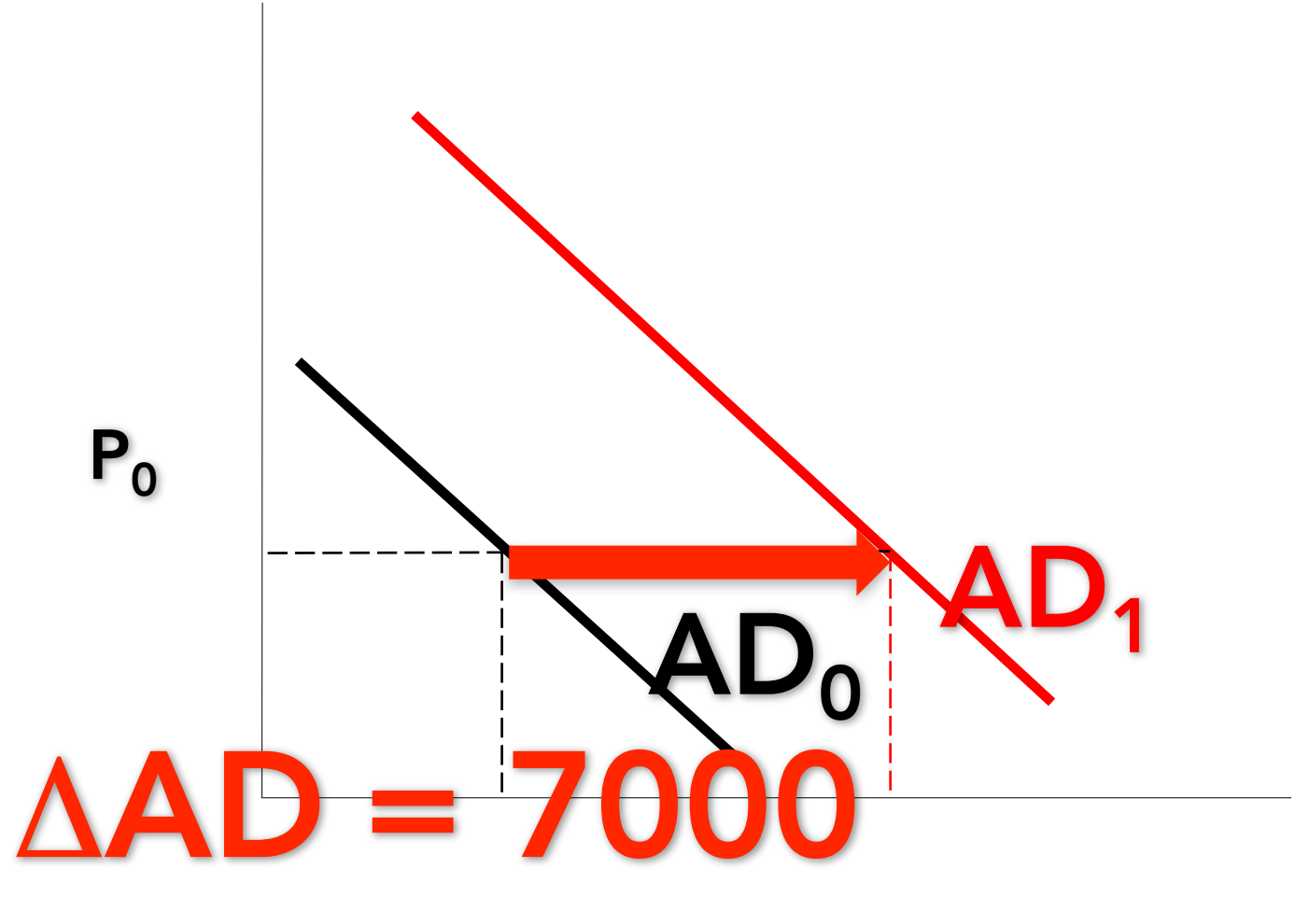
$$\Delta Y = 700\ (1/0.1) = 7000$$

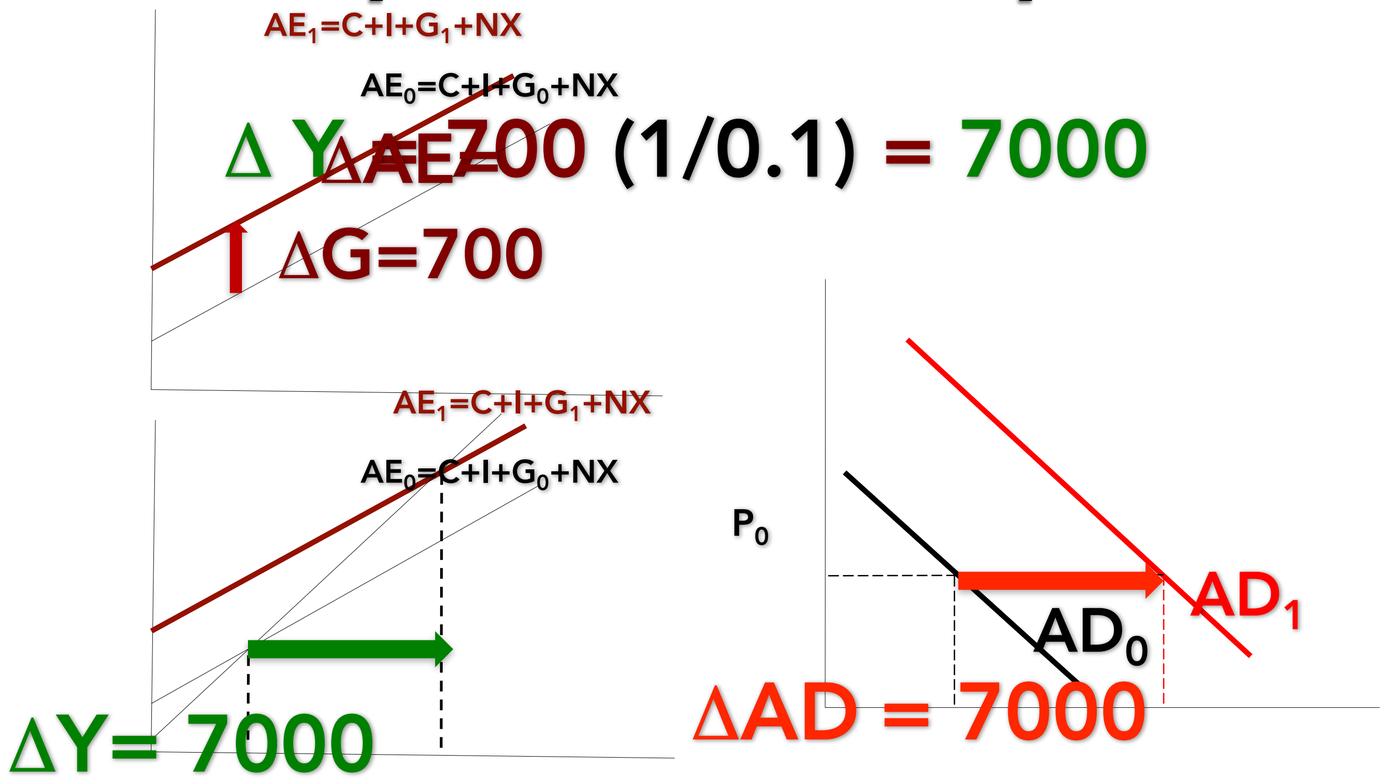
The shift in AD is the same as the increase in Equilibrium output:


$AE_1=C+I+G_1+NX$
$AE_0=C+I+G_0+NX$
$\Delta AE=$
$\uparrow \Delta G=700$


$AE_1=C+I+G_1+NX$
$AE_0=C+I+G_0+NX$
$\Delta Y = 7000$


P_0
AD_0
AD_1
$\Delta AD = 7000$

The shift in AD is the same as the increase in Equilibrium output:



The shift in AD is the same as the increase in Equilibrium output