$\Delta G = \Delta T$ Simultaneous Change

$$\Delta Y = \Delta G = \Delta T$$

$\Delta C = \text{Zero}$

Change in Consumption

Change in Deficit

Δ Deficit = Zero

Balance Budget Multiplier

Change in Equilibrium GDP

$= 1$

For any simultaneous change in Taxes and Spending

No need to calculate the change in GDP. You know it's equal to the change in T and G

The increase in C
caused by the increase in G
is completely offset by the drop
in consumption caused by
the increase in taxes

No need to calculate the change in C and the change in the Deficit: both are zero


No Multiplier

ΔG=ΔT Simultaneous Change

Change in Equilibrium GDP

$\Delta Y = \Delta G = \Delta T$

Balance Budget Multiplier

= 1

The increase in C caused by the increase is completely offset by the drop in consumption caused by the increase in taxes

No Multiplier

No need to calculate the change in C and the change in the Deficit: both are zero

Change in Consumption

ΔC = Zero

Change in Deficit

Δ Deficit = Zero