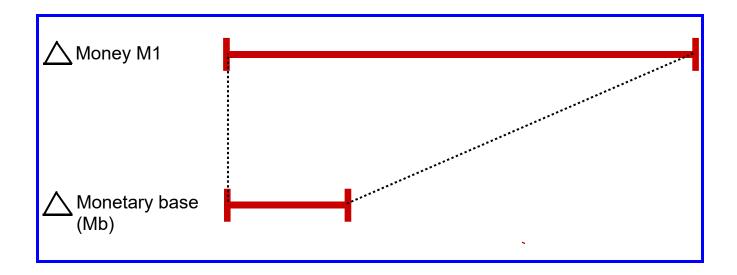
Money multiplier



- 0 Δ Mb and Δ Money M1 are known.
- Money multiplier = $\frac{\Delta \text{ Money M1}}{\Delta \text{ Mb}}$
- Δ Mb is known, Δ Money M1? 2 The public has no cash; r = reserve ratio of the banks.
- Money multiplier = $\frac{1}{r}$
- \triangle Money M1 = \triangle Mb * $\frac{1}{r}$ = $\frac{\triangle$ Mb
- Δ Mb is known, Δ Money M1? 3 c = cash-to-money ratio; r = reserve ratio of the banks. Money multiplier = $\frac{1}{1-(1-c)(1-r)}$
- \triangle Money M1= \triangle Mb * $\frac{1}{1-(1-c)(1-r)} = \frac{\triangle$ Mb $\frac{1}{1-(1-c)(1-r)} = \frac{\triangle}{1-(1-c)(1-r)}$