

Calculate the elasticity between two points

Calculate the elasticity at one point

Calculate the **resulting change in quantity supplied**
given the elasticity and the change in price

Calculate the *necessary change in price* given the elasticity and the change in quantity supplied

Calculate the resulting change in **Equilibrium Price**
when **demand shifts** (right or left)

Calculate the resulting change in **Equilibrium Price**
when **supply shifts** (right or left)

$$e_p^s = \frac{\% \Delta Q^s}{\% \Delta P}$$

$$\% \Delta Q^s = e_p^s \times \% \Delta P$$

$$\% \Delta P = \frac{\% \Delta Q^s}{e_p^s}$$

$$\frac{\% \Delta \text{Equilibrium Price}}{\text{Price}} = - \frac{\% \Delta \text{Supply}}{(|e^d| + e^s)}$$

$$\frac{\% \Delta \text{Equilibrium Price}}{\text{Price}} = \frac{\% \Delta \text{Demand}}{(|e^d| + e^s)}$$



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Price elasticity of Demand

