



Price

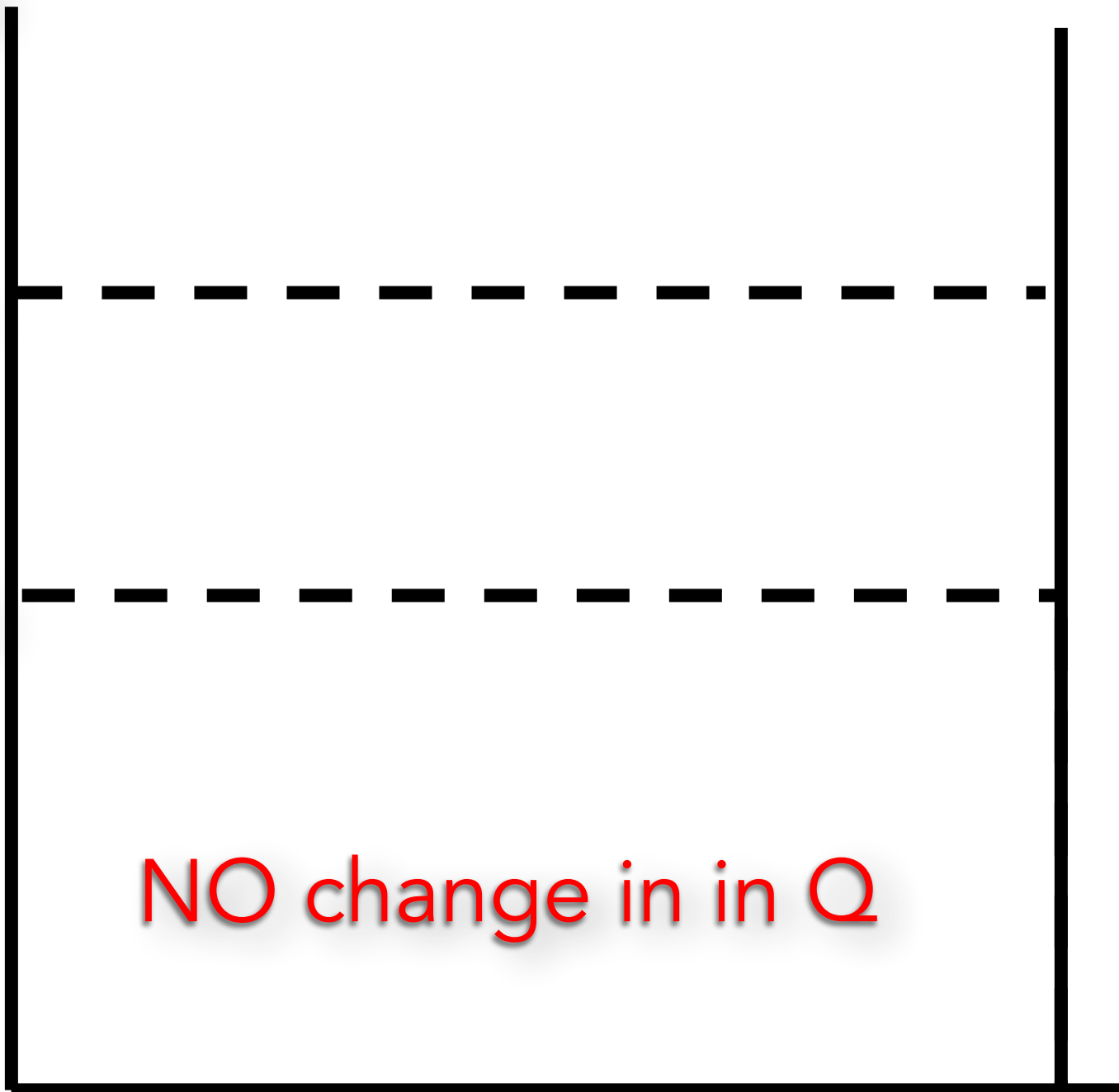
$P_1$

$P_0$

NO change in in Q

0

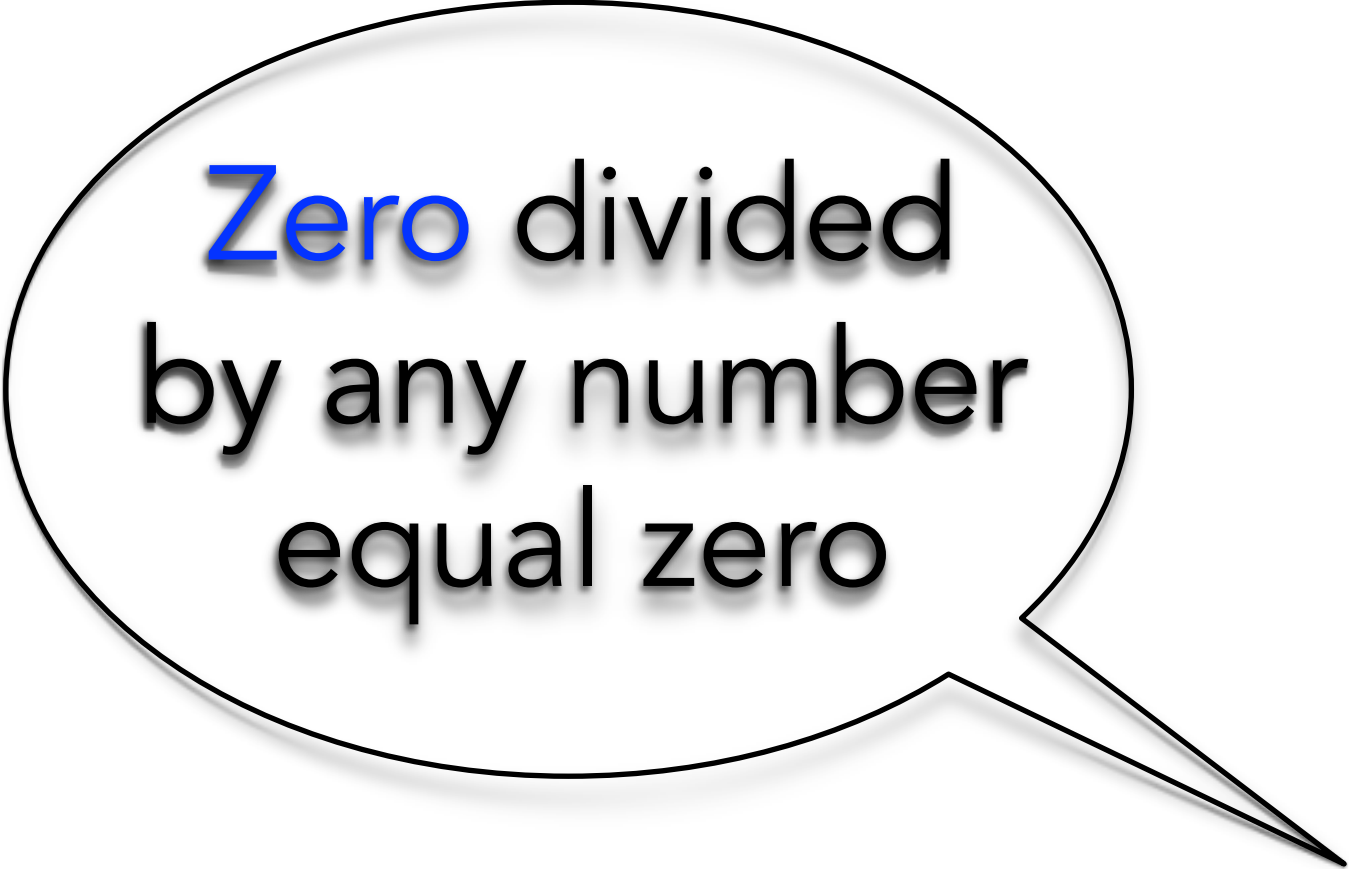
$Q_0$



Demand is Perfectly  
Inelastic

For any increase in price the quantity  
demanded does not change

$$e_{pd} = \frac{\% \Delta Q_d = 0\%}{\% \Delta P = 50\%}$$

A speech bubble with a black outline and a white fill, pointing towards the bottom right. Inside the bubble, the text "Zero divided by any number equal zero" is written. The word "Zero" is in blue, and the rest of the text is in black. The text has a slight shadow effect.

Zero divided  
by any number  
equal zero

$$e_p d = 0$$

Demand is **Perfectly**  
Inelastic



**Zero** divided  
by any number  
equal zero

$$e_p^d = \frac{\% \Delta Q^d = 0\%}{\% \Delta P = 50\%}$$

$$e_p^d = 0$$

For any increase in price the **quantity**  
demanded **does not change**



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

