

Price

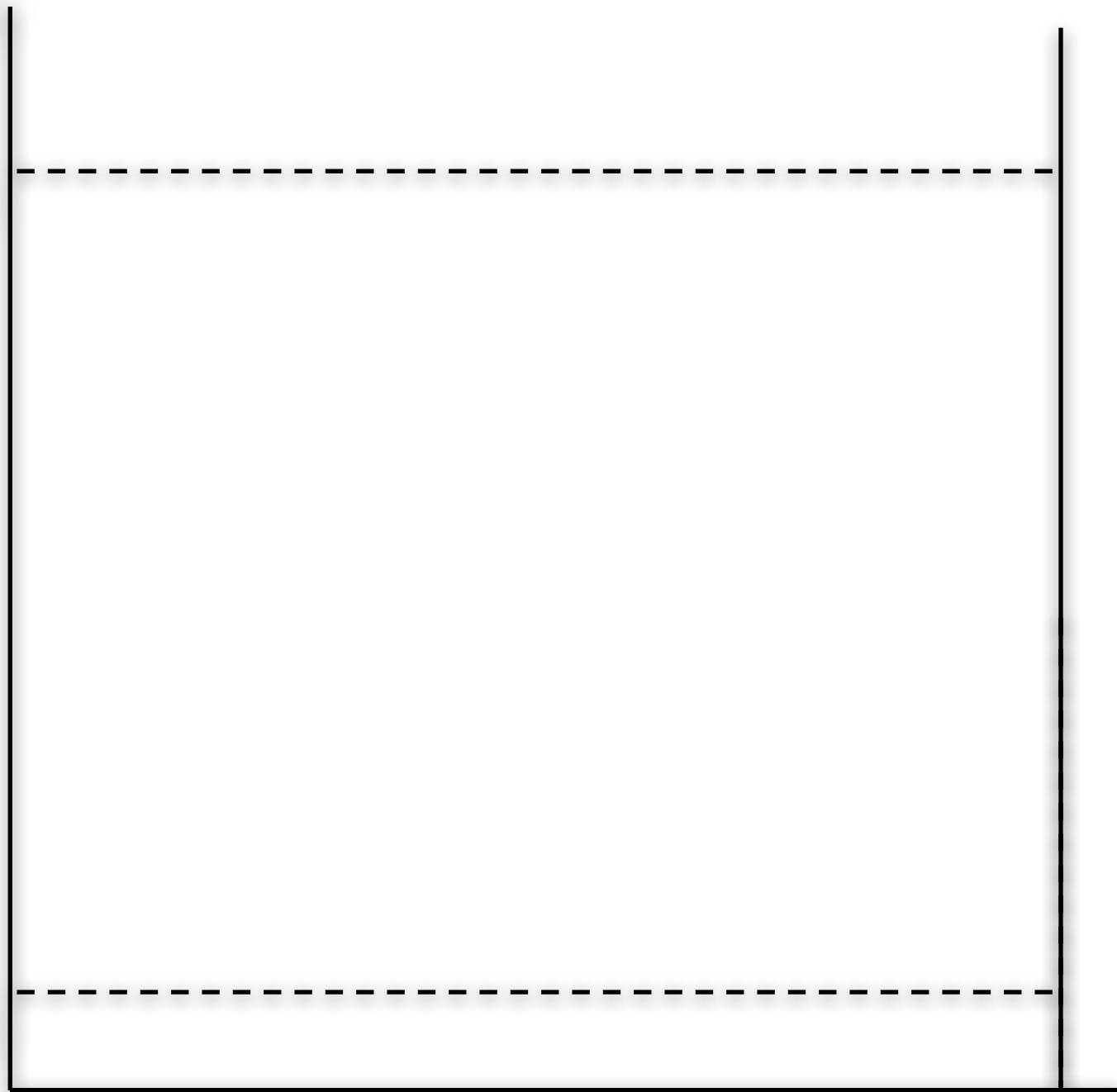
P_1

P_0

0

Q_0

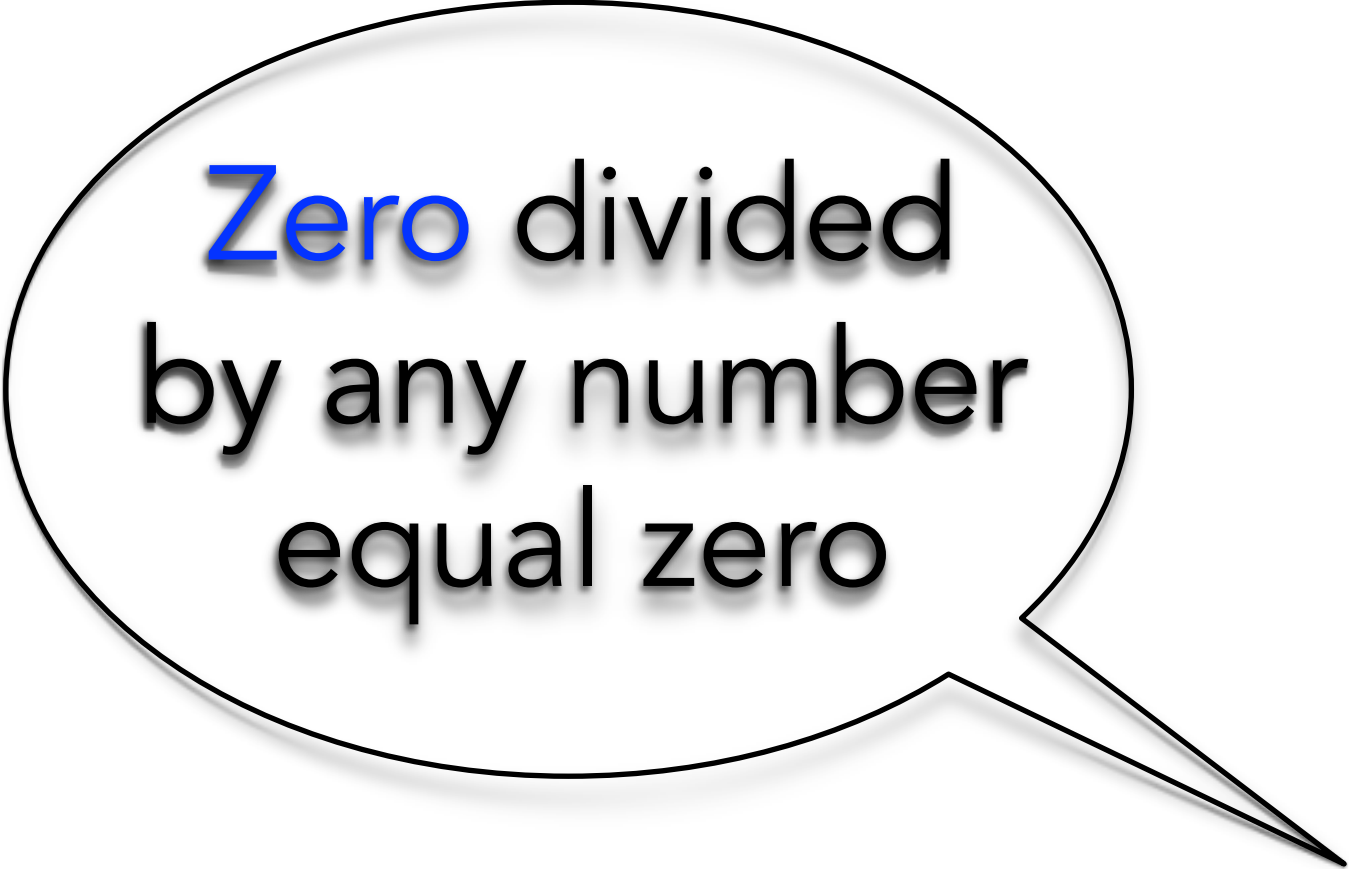
NO change in in Q



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



NO change in in Q

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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

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

