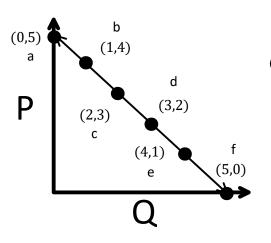
E101 - 3.1 - Elasticity of Demand

Elasticity - Change in Quantity divided by Change in Price.

 $Total\ Revenue = Price \times Quantity$

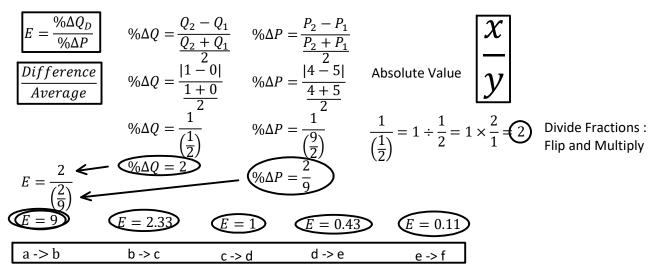


	Q	Р	TR	
/	0	5	0	1
'	1_	4	4	٧),
	2	3	6	V
	3	2	6	Λ
	4	1	4	
	5	0	0	

Total revenue - The total receipts of the firm from its sales, calculated by its price multiplied by the quantity of the product's sold.

$$TR = PQ$$

Price Elasticity of Demand - A measure of the % change of quantity demanded due to a % change in price.



Elasticity Coefficient - A number that measures the responsiveness of quantity demanded the change price Inelastic Demand - Quantity demanded that is not very responsive to a change in price E < 1. (Food). Elastic Demand - Quantity demanded that is quite responsive to a change in price E > 1. (Diamonds). Unitary Elastic - The point where the % change in quantity is exactly equal to the % change in price. E = 1.

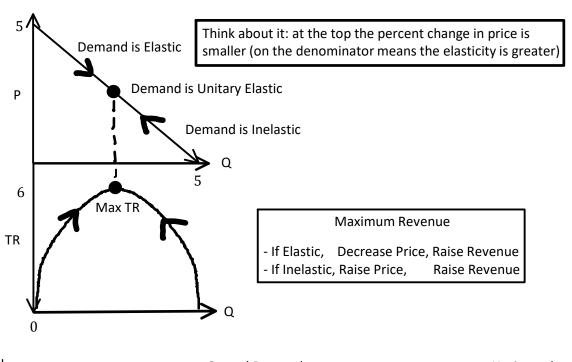
Inelastic $-E < 1 \rightarrow$ Price falls, Total Revenue falls (Vice-versa)

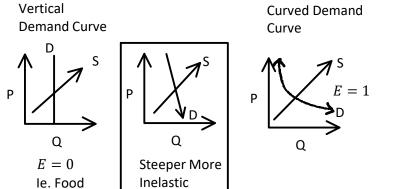
Elastic $-E > 1 \rightarrow$ Price falls, Total Revenue rises (Vice-versa)

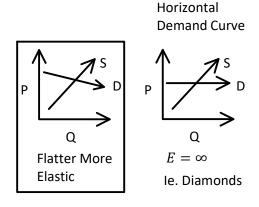
Unitary Elastic $-E = 1 \rightarrow$ Price changes, Total Revenue does not change

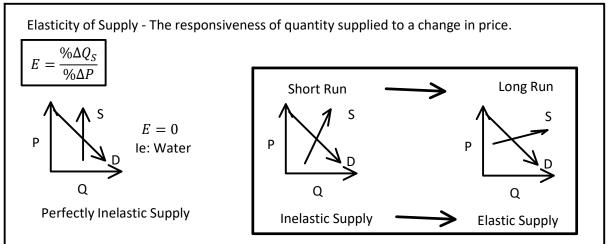
 E_D, E_S, E_Y, E_C

E101 - 3.2 - Elasticity of Demand/Supply









E101 - 3.3 - Elasticity Income/Cross

Income Elasticity - The responsiveness of quantity demanded to change in income.

$$E = \frac{\% \Delta Q_D}{\% \Delta Y}$$
 $Y = Income$ Causes a Shift in Demand.

Cross Elasticity of Demand - How the quantity demanded of product A responds to a change in the price of product B.

$$E_{AB} = \frac{\% \Delta Q_A}{\% \Delta P_B}$$

