











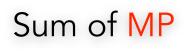
Measures of Labor Productivity

Marginal product (MP): Worker's Contribution to Total Product

Total product (TP): Total units produced by ALL workers

Average product (AP): Output per worker







Change in TP Change in L

$$TP (L=n) = MP_1 + MP_2 + MP_3 + MP_4 + ... + MP_n$$

$$AP = \frac{TP}{L}$$

 ΔTP

 $\Lambda \Gamma$

MP =

Measures of Labor Productivity

Total product (TP): Total units produced by ALL workers Sum of MP $TP (L=n) = MP_1 + MP_2 + MP_3 + MP_4 + ... + MPn$

Marginal product (MP): Worker's

Contribution to Total Product

Change in TP

Change in L

$$MP = \frac{\Delta TP}{\Delta L}$$

Average product (AP): Output per worker

$$AP = \frac{TP}{L}$$

Using the Total Product (TP) to calculate the Marginal Product (MP)