Measures of Labor Productivity

Marginal product (MP): observed increase in TP when one more worker is hired

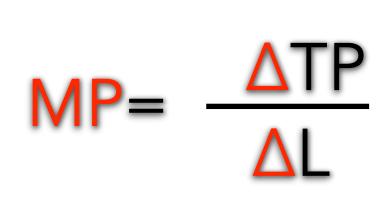
Total product (TP): Total units produced by ALL workers

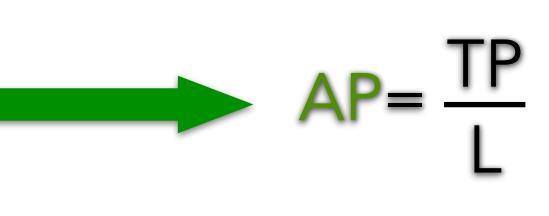
Average product (AP): Output per worker





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





Do not confuse these two

Measures of Labor Productivity

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



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

Marginal product (MP): observed increase in TP when one more worker is hired Change in TP ΔIP ΔL

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

Average product (AP): Output
$$\longrightarrow$$
 AP= $\frac{TP}{L}$ per worker

Do not confuse these two

