







MP<sub>2</sub>

70



$MP_1$

50



$MP_3$

90

TP<sub>L=3</sub>==

$$+ + = 210$$

$$AP_{L=3} = \frac{\quad}{3} = 70$$





$MP_2$

70



$MP_1$

50



$MP_3$

90

TP<sub>L=4</sub>==

$$+ + + = 320$$

$$AP_{L=4} = \frac{\quad}{4} = 70$$

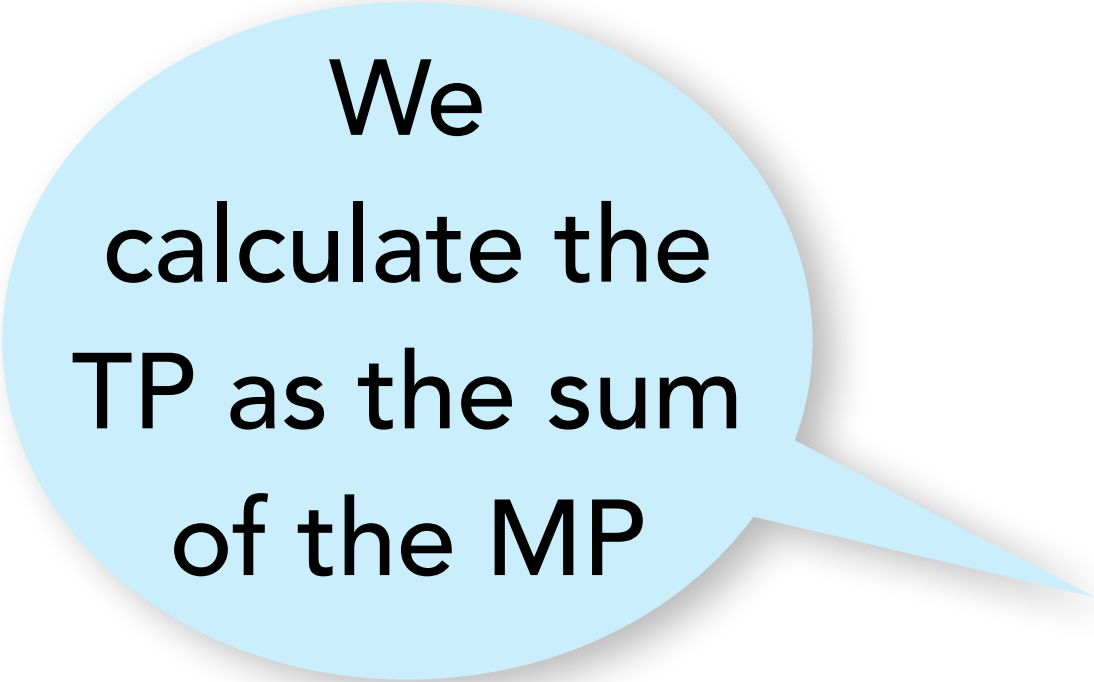


MP<sub>4</sub>

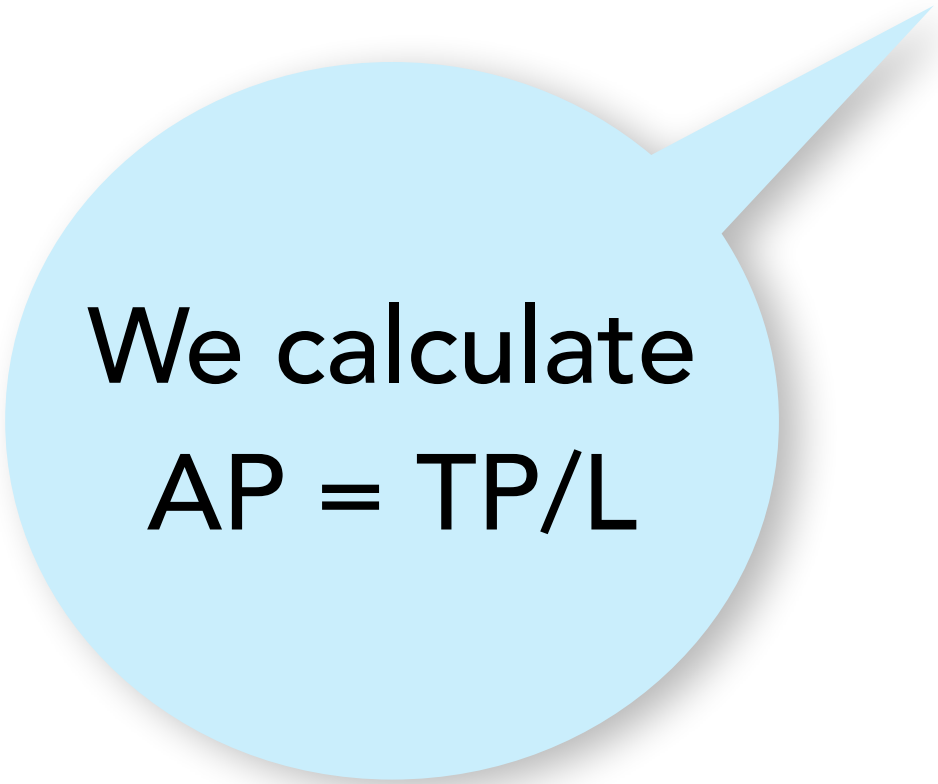
70

Suppose we have the **MIP** for three workers:





We  
calculate the  
TP as the sum  
of the MP




We calculate  
 $AP = TP/L$

If the next worker's MIP is equal to that average (70)

Average SAME

Suppose we have the **MP** for three workers:


We  
calculate the  
TP as the sum  
of the MP



Three workers are shown walking from left to right. Above each worker is a label:  $MP_1$ ,  $MP_2$ , and  $MP_3$ .

$$AP_{L=3} = \frac{TP_{L=3} = 50 + 70 + 90 = 210}{3} = 70$$

If the next worker's **MP** is equal to that average (70)



Four workers are shown walking from left to right. Above each worker is a label:  $MP_1$ ,  $MP_2$ ,  $MP_3$ , and  $MP_4$ .

Average SAME

$$AP_{L=4} = \frac{TP_{L=4} = 50 + 70 + 90 + 70 = 320}{4} = 70$$

# The Average/Marginal Rule