





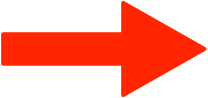
We know the firm has purchased the optimum
mix of machines and labor when

$$\frac{MRP_K}{P_K} =$$

MRP_L



P_L



*Spend the next
dollar on **capital***

MRP_L

P_L

$$\frac{MRP_K}{P_K} >$$

The firm gets **more** revenue if it spends the next dollar on *capital* than if it spends that dollar on labor



Spend the next
dollar on **labor**

MRP_L

P_L

MRP_K

P_K

<

The firm gets **more** revenue if it spends the next dollar on **labor** than if it spends that dollar on capital

*Revenue per dollar spent on Labor is the same as
the revenue per dollar spent on machines*


Revenue per dollar spent on Labor is the same as the revenue per dollar spent on machines

$$\frac{MRP_K}{P_K} = \frac{MRP_L}{P_L}$$


$$\frac{MRP_K}{P_K} > \frac{MRP_L}{P_L}$$

$$\frac{MRP_K}{P_K} < \frac{MRP_L}{P_L}$$

The firm gets **more** revenue if it spends the next dollar on **capital** than if it spends that dollar on labor

 Spend the next dollar on **capital**

The firm gets **more** revenue if it spends the next dollar on **labor** than if it spends that dollar on capital

 Spend the next dollar on **labor**

