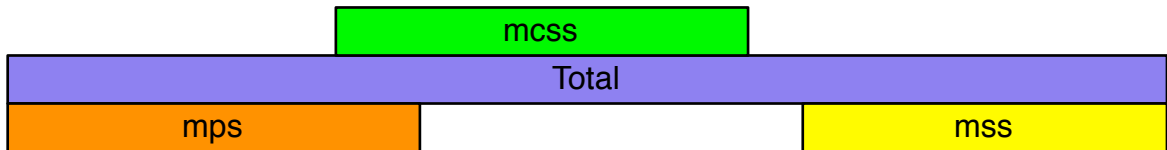


Left Subproblem

Right Subproblem



$$\text{Total} = \text{Total}_L + \text{Total}_R$$

$$\text{mcss} = \max (\text{mcss}_L , \text{mcss}_R , \text{mss}_L + \text{mps}_R)$$

$$\text{mps} = \max (\text{mps}_L , \text{Total}_L + \text{mps}_R)$$

$$\text{mss} = \max (\text{mss}_L + \text{Total}_R , \text{mss}_R)$$