

Recursive Multiply

→ In this case, (n, y) , if $n < y$, then we will add y n time to reduce no. of operations, and vice versa

$(5, 3)$

$$\begin{array}{l} (5, 3) \xrightarrow{+5} 15 \\ \quad \downarrow \\ (5, 2) \xrightarrow{+5} 10 \\ \quad \downarrow \\ (5, 1) \end{array}$$

But we can do better, so

$$P(8, 6) \Rightarrow P(8, 3) * 2$$

so we can do it by dividing task in 2 or by 2