Recursion

Recurrence

- A description of a function in terms of its value on smaller impats  

$$h! = 1 \cdot 2 \cdot 3 \cdot \dots n = \prod_{x=1}^{n} x$$

$$h! = \begin{cases} 1 & \text{if } n = 1 \\ n! = \begin{cases} n \cdot (n-1)! & \text{otherwise} \end{cases}$$
recorrect

