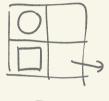
Goal:

1+2+3 - ..+n

2 h (n+1)

Wishful thinking 4) base case

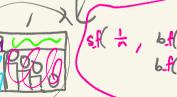
moo ny\_ 2:



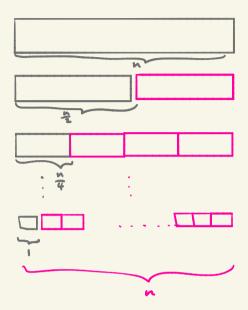
6) Inductive step:  $f(n-1) \rightarrow f(n)$ 



moony - 3:



sf( \( \dagger, b.f(\dagger, \O, \O) \)
b.f(\dagger, \overline \dagger, \overline \dagge



$$f(n)$$

$$\int beside - f,$$

$$f(n-1)$$

$$(1) Base case (n=1)$$

$$(2) Inductive step$$

$$(3) Inductive step$$

$$(4) n = = 1$$

$$(7) (7)$$

Cone (n-1)

