

• when n is even $\rightarrow n = \frac{n}{2}$ $\rightarrow \text{cost} = n/2$
 ~~$\rightarrow \text{cost} = \frac{n}{2}$~~

when n odd $\rightarrow n = n-1$ ~~$\rightarrow \text{cost} = 1$~~
 $\rightarrow \text{cost} = 1$