

# Sliding Window Protocols:

$$W_S = 1 + 2a$$

~~$T_p \gg T_f$~~

Go-Back N

Selective Repeat

Fixed  $\frac{1}{N}$  mo of Packets

$$*\left\{\begin{array}{l} T_f = 2 \text{ ms} \\ T_p = 44 \text{ ms} \end{array}\right\} \eta = \frac{1}{1+2a} \frac{T_p}{T_f}$$

10

$$\frac{2}{2+2.44} = \frac{1}{1+2 \cdot 22} = \frac{1}{45} =$$

~~$F_f = 2mg, T_p = 44 \text{ ms}$~~

$\omega_s = 1 + 2\alpha$

~~$= 45$~~

~~GB 10~~

~~$(10)$~~   
 ~~$45$~~

 ~~$m$~~ 

$$T_f + 2T_p = 1 - 2 \text{ ms}$$

$$\eta = \frac{2\alpha}{T_f + 2T_p}$$
 ~~$\eta$~~

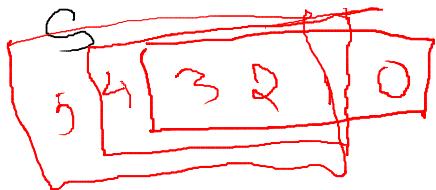
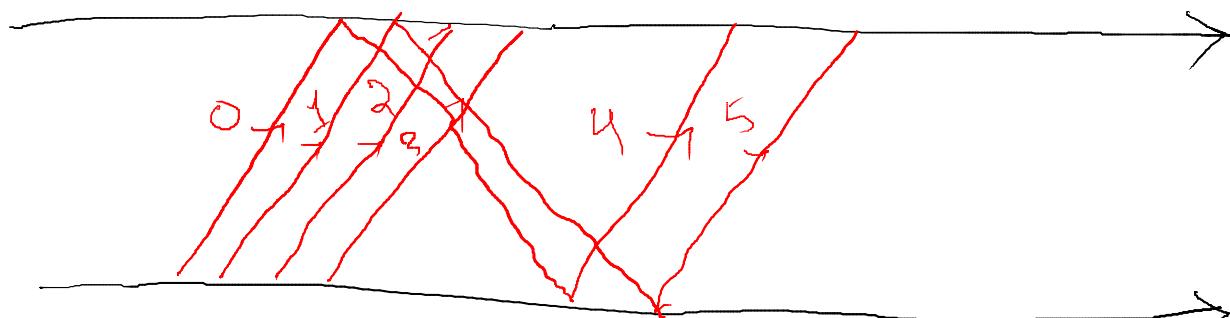
 ~~$(10)$~~  → ~~GB N~~
 $go - bank \cdot N$

$W_S$  = Sender Window Size

$W_R$  = Receiver " " = 1



(4)  
R



R

S

