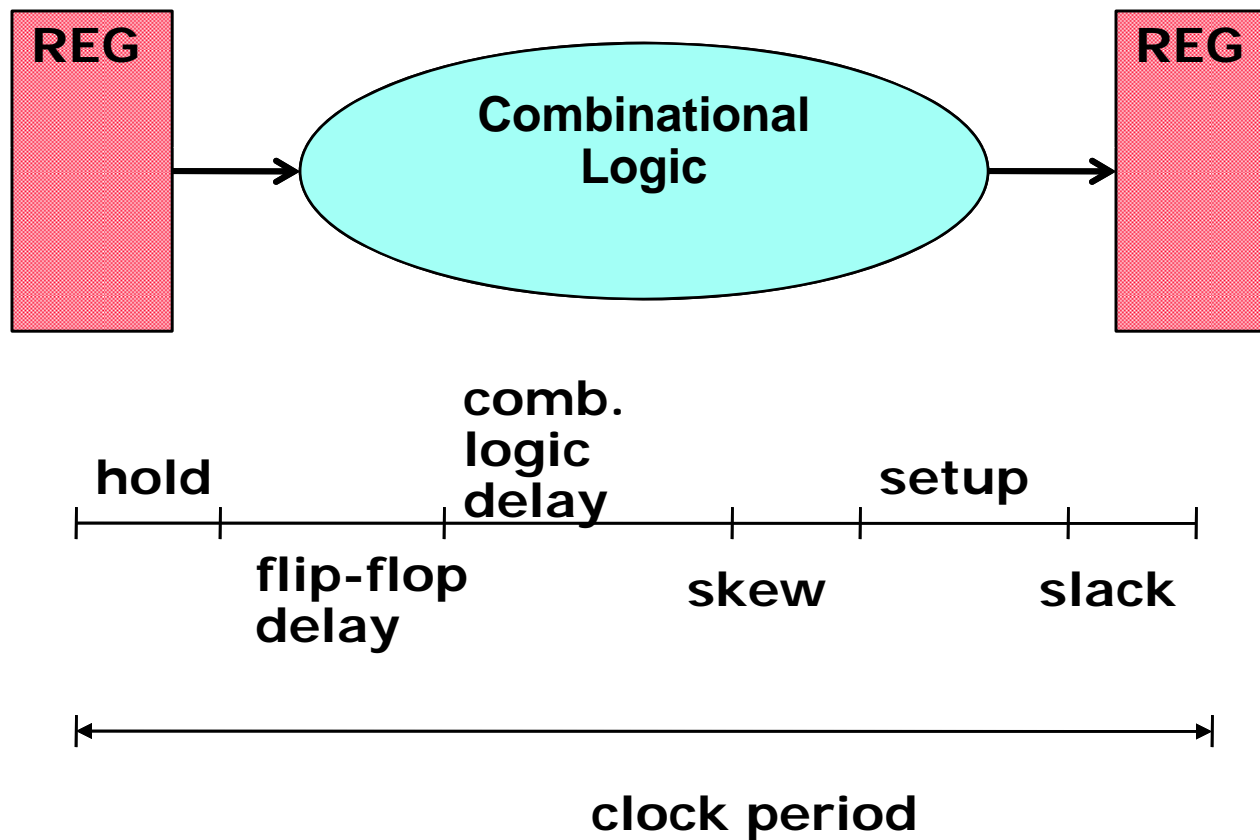
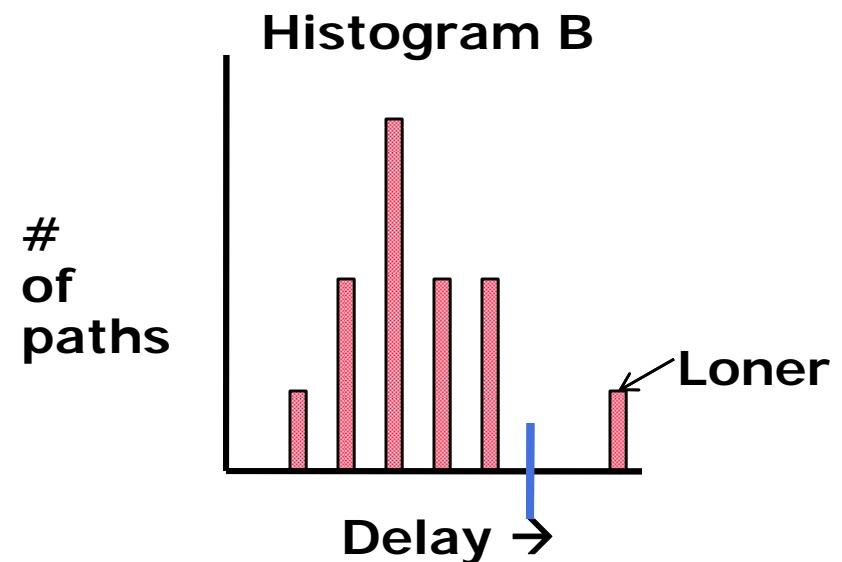
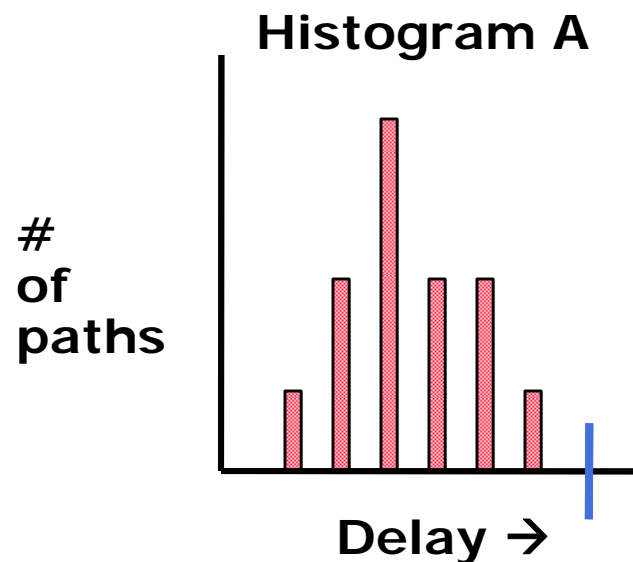


# DETERMINING THE CLOCK PERIOD



# USING HISTOGRAMS



Each path has multiple stages driving fo4 loads.

Min. clock period must provide adequate delay plus slack.

# ADJUSTMENTS FOR LONER

1. Use 2 clock cycles

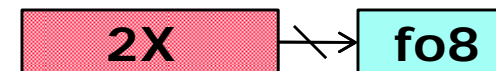
2. Reroute to move Loner left



3. Add BUF to increase drive strength



4. Resize internal fets to increase drive



5. Split into parallel operations

