Introduction to Digital Logic

- Latches
- Flip-flops
- Registers

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Review Questions

- Describe the difference between a latch and a flip flop
- Describe the difference between a flip flop and a register
- What is metastability?
- Describe the difference between an SR latch and a D latch

Review Questions

- Most digital circuits rely solely on NAND gates.
  - Draw an SR latch constructed out of NAND gates
  - Draw a D latch constructed out of NAND gates

- Construct a flip flop using SR latches. How does it differ from a D latch? Draw a truth table.

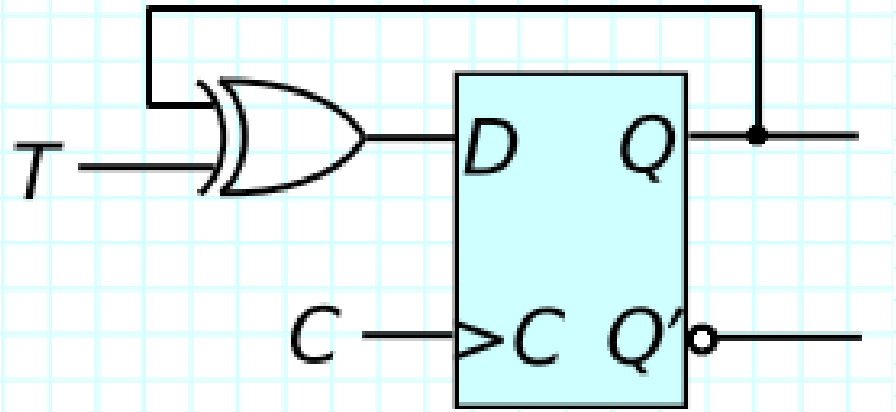
Review Questions

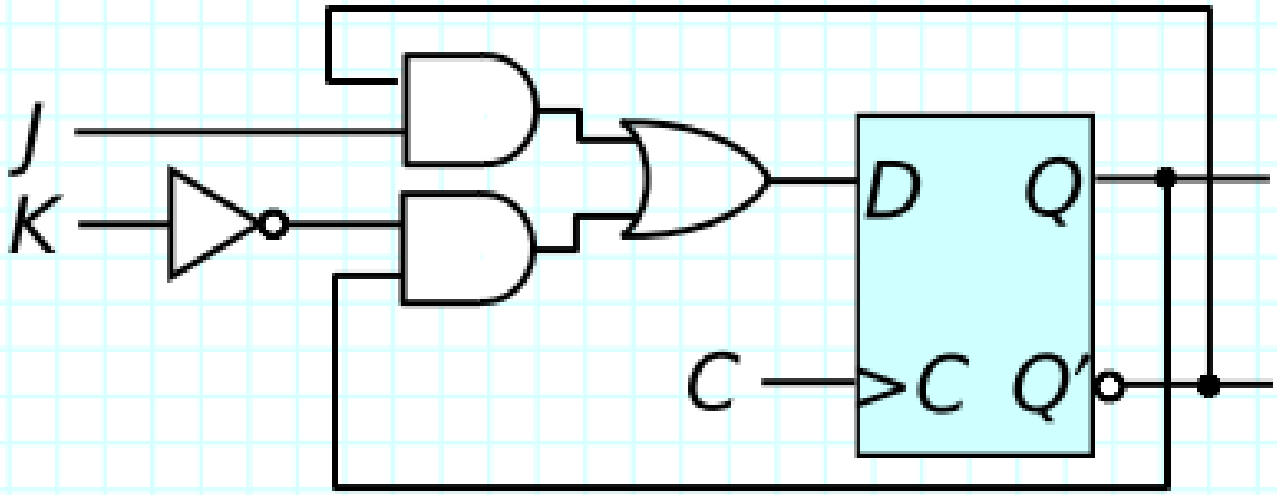
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Review Questions

- Construct a truth table for the following circuits:





Review Questions

- Complete the timing diagram for this circuit:

