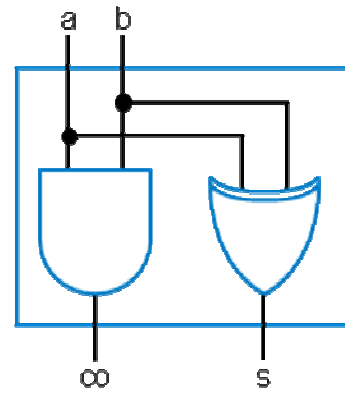# Quiz 8 – ECGR2181 – Fall 2008 – 10/21/08

Your Name: _____

1. Attendance on 10/20/08 (10 points.) Yes   No

2. What is the name of the combinational item at the right? (10 points).

    a. Full Adder

    b. Half adder

    c. Carry ripple adder

    d. Cascading adder

    e. Comparator

3. Design a circuit that will compare two 4-bit numbers and give you a "1" if they are identical or a "0" if they are not identical. For example, if a="0010" and b="0010", the result of the circuit would be "1". (80 points)