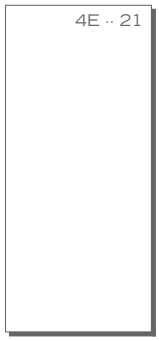
Kit No. Date: / /

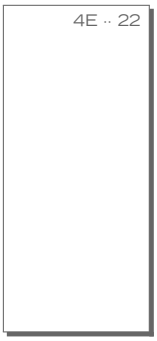
USE TEMPLATE
0 1 2 3 4
5 6 7 8 9
MISFILL –1 PT
SORT No
PARTNER

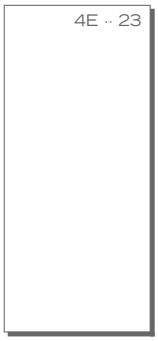
LABORATORY 4

Please print this sheet prior to coming to laboratory. Complete the pre-laboratory tasks in your lab notebook. Complete the lab tasks in **both** your lab notebook and this submission sheet.

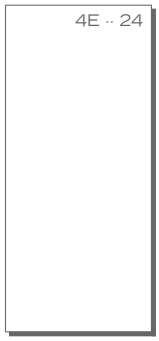
1 Pre-laboratory Verification

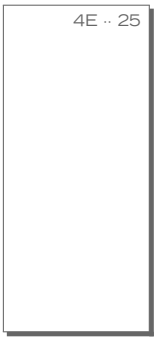






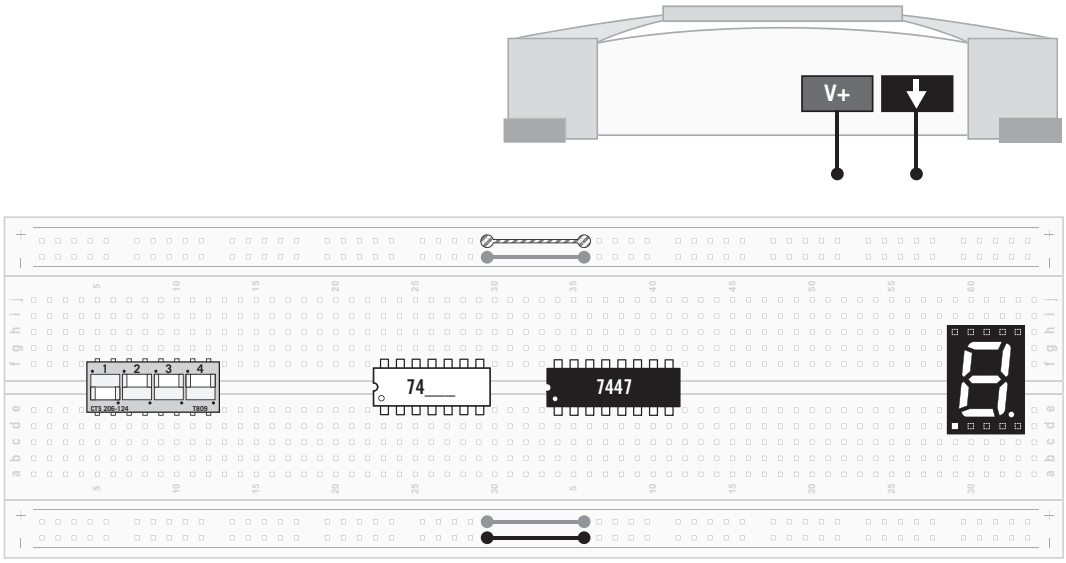
2 Laboratory Verification





3 Deliverables

1. Draw the circuit that you used to implement the blanking circuitry:



2. What is the purpose of creating a blanking circuit for the seven-segment display?

3. How would one create a combinational circuit to light the center bar (*G*) of the seven-segment display (resulting in a dash) instead of only blanking it? **Explain the process.**