

Automotive Technology

Simple Circuit Simulator

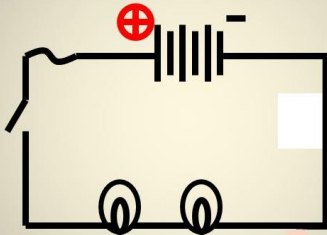
Name _____ Date _____ Period/Team _____

Use the schematic in each box below to construct the same circuit in the
DC Wiring Circuit Construction Simulator

Watch PPT. Press control-print screen and copy each completed diagram. Then paste each diagram into a word document, type your name, date, and period on the top of the word document and print out. Staple all six diagrams in order to the back of this worksheet and show to your instructor for sign-off.

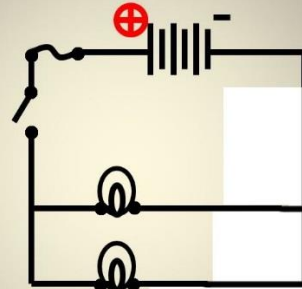
<http://phet.colorado.edu/sims/circuit-construction-kit/circuit-construction-kit-dc.jnlp>

Circuit #1



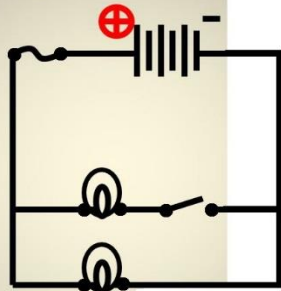
Instructor Sign:

• Circuit #2



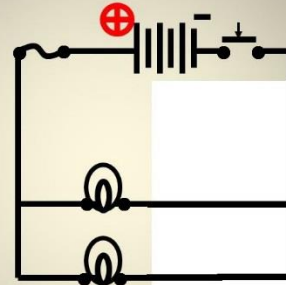
Instructor Sign:

• Circuit #3
parallel circuit



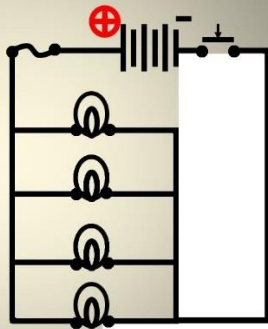
Instructor Sign:

• Circuit #4
parallel circuit



Instructor Sign:

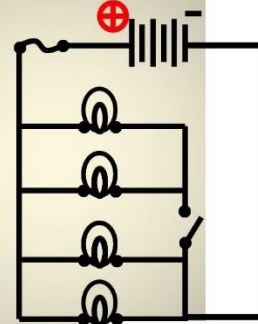
• Circuit #5
parallel circuit



Simple parallel circuit
w/ momentary contact
switch, 4 bulbs, fuse,
and power supply

Instructor Sign:

• Circuit #6
parallel circuit



Simple parallel circuit
w/ switch, 4 bulbs, fuse, and
power supply

Instructor Sign: