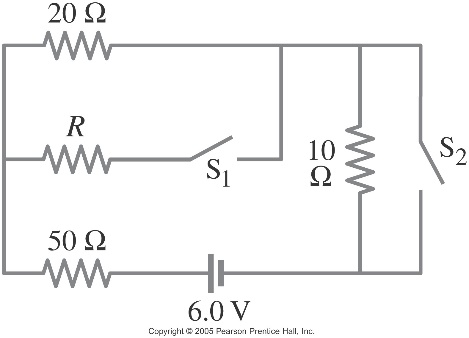
Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

AP Physics 1 Ch 19 HW Problems 83 & 84 Redux

83. Use the diagram to rank the brightness of each resistor (use R = 30 Ω) when…

 e) Which set-up has overall bright/dimmest bulbs?

1. Both switches are closed:
2. Both switches are open:
3. S1 is open, but S2 is closed:
4. S2 is closed, but S1 is open:

84. Use the diagram to determine how each resistor is wired with each other resistor – Series or Parallel?

