

READING ASSIGNMENT FOR FEBRUARY 18

SECTIONS 23.1 THROUGH 23.3

23.1 - Circuit Elements and Diagrams

- I'll expect you to know all of the circuit symbols here.
- Make sure to try the Stop to Think 23.1. It's a good one.

23.2 - Kirchoff's Laws

- I was set to teach Kirchoff's Laws in all their glory, but all the examples and homework are combinations of series and parallel. So read this section to get an idea of where the results for the next section come from.

23.3 - Series Circuits

- For today, I just want you to read the parts about series connections.
- Circuit elements are in series if they have the same current flowing through them.
- By the current conservation law, series also means that there are no junctions.
- Resistors in series behave as one equivalent resistor, R_{eq} .

THE QUIZ IS AT: www.masteringphysics.com/site/login.html