

# EN-3212 Electronics

## Parallel Series Analysis

How many nodes are there in the circuit below?

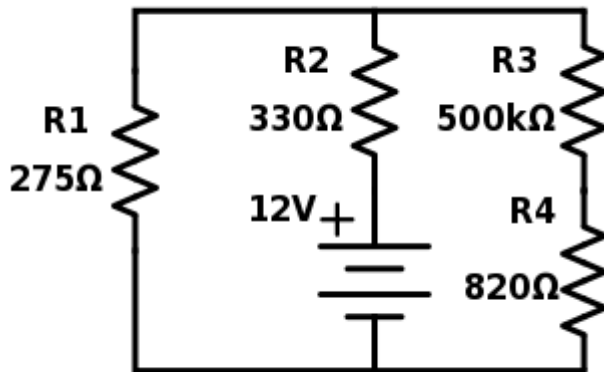
In the circuit diagram below, which resistors pairs are in series, which resistors pairs are in parallel, and which resistor pairs are neither in series nor in parallel?

Which resistors must be lumped together first? Why?

Find the total resistance of the circuit.

Find the total current going through the circuit.

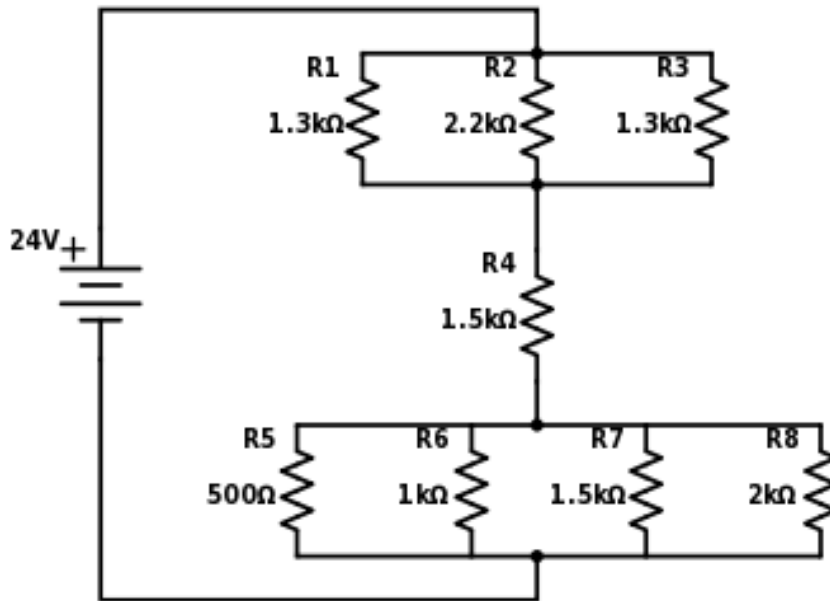
Use any method to find the voltage drop across AND the current through EVERY resistor in circuit shown below.



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## Parallel Series Analysis

Use any method to find the voltage drop across AND the current through EVERY resistor in circuit shown below. (Analyze the circuit)



# EN-3212 Electronics

## Parallel Series Analysis

Analyze the circuit shown below.

