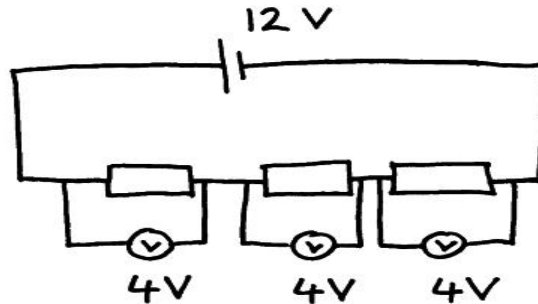
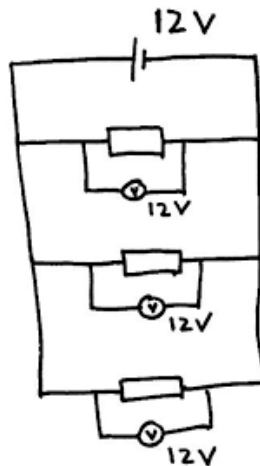


Physics 12 Section 19.5
EMF in Series and Parallel

1. When two or more sources of EMF are connected in series the resulting voltage is **the sum of the individual voltages**.



2. When two or more sources of EMF are connected in parallel the resulting voltage is **the same as the strongest source of EMF**.



3. If two batteries are connected in series and in such a way as to **work against each other** then one of the batteries is charging the other as long as they are not of equal voltage.

