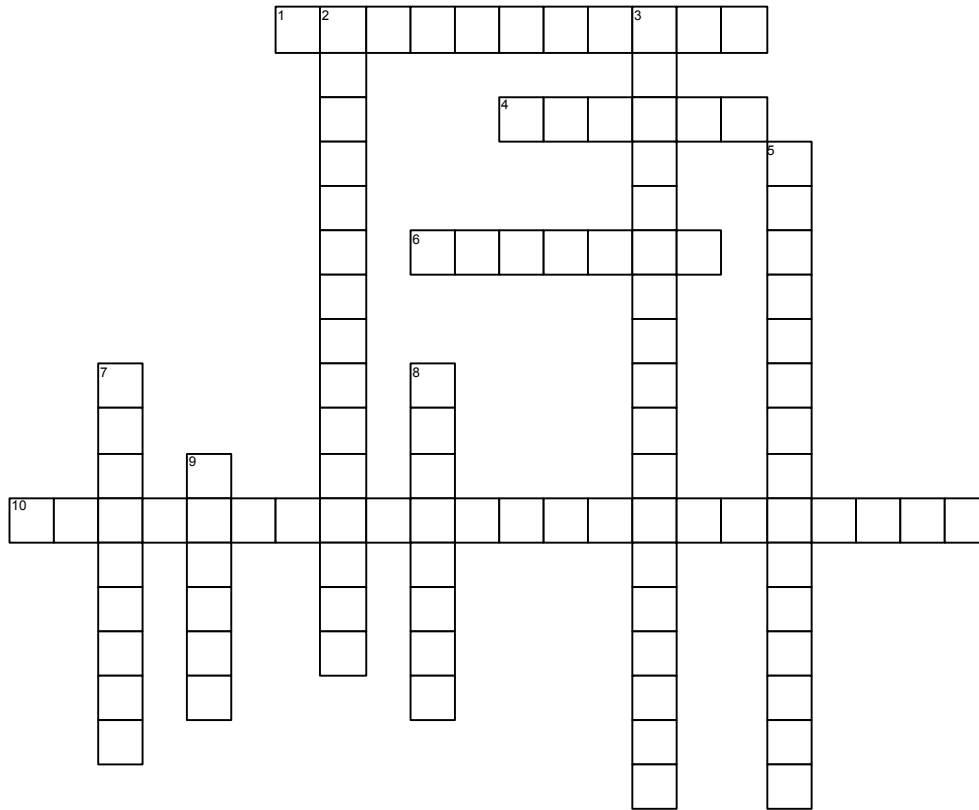


Series-Parallel Circuits

Chapter 7



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ACROSS

- 1 If there are two loads or _____ in series within a parallel branch or leg, then the circuit can be made simpler if the two are first added together before attempting to solve the parallel section.
- 4 If added resistance occurred in a part of the circuit that fed both taillights, then both taillights would be _____ than normal.
- 6 The key to solving series-parallel circuit problems is to _____ or simplify as much as possible.
- 10 A _____ - _____ includes both parallel loads or resistances, plus additional loads or resistances that are electrically connected in series.

DOWN

- 2 If a conventional parallel circuit had an _____ that increased the resistance in one branch of the circuit, then the amount of current flow through that one branch will be reduced.
- 3 _____ is another name for the series-parallel circuit.
- 5 A series-parallel circuit may also be called a _____.
- 7 The added resistance, due to _____ or other similar cause, would create a voltage drop.
- 8 Added resistance can create a series-parallel circuit that was originally just a simple _____ circuit.
- 9 A headlight switch is usually connected in _____ with a dimmer switch and in parallel with the dash light dimmer resistors.