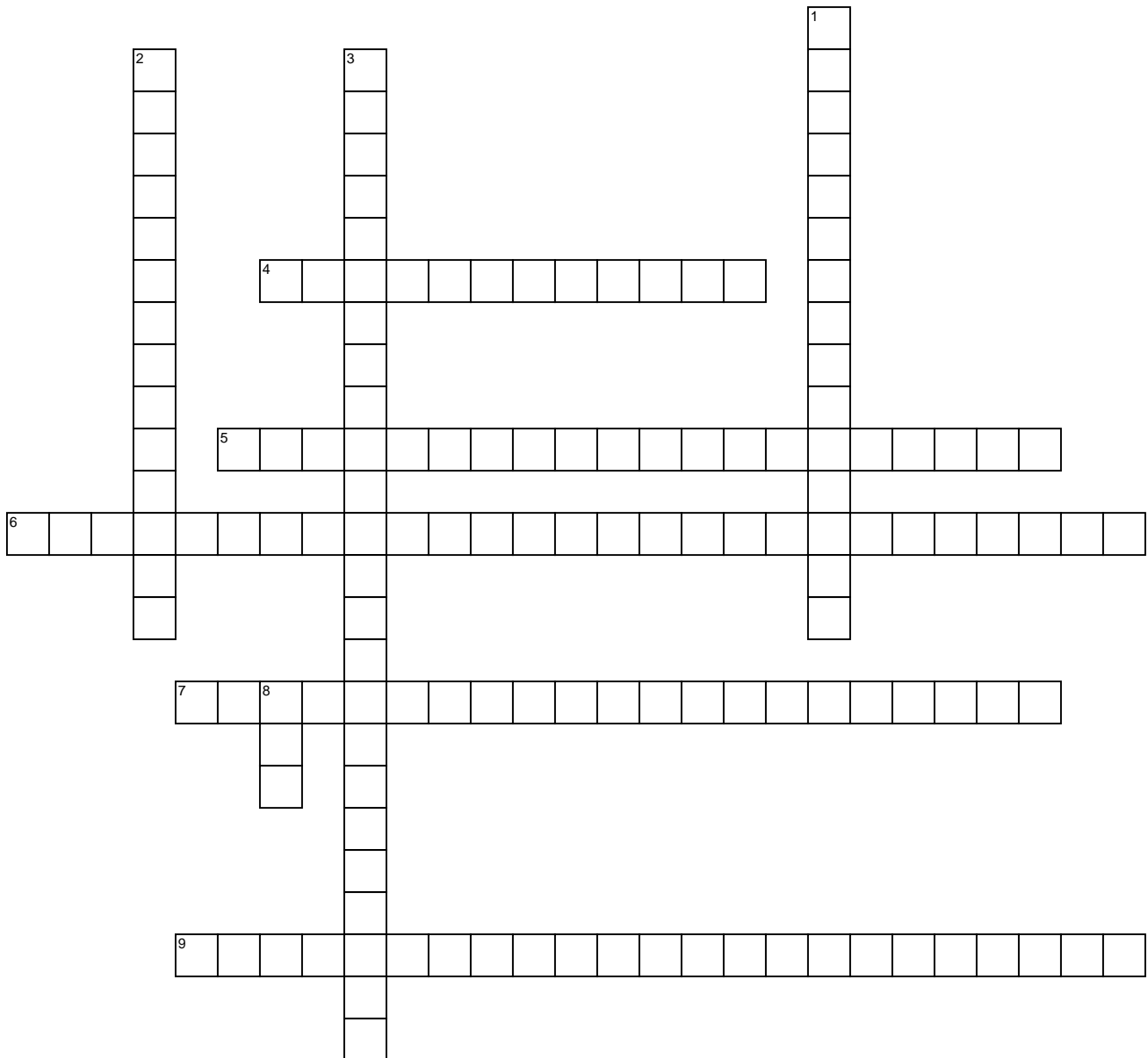




Hybrid and Electric Vehicles

Chapter 7



ACROSS

- 4 _____ is the worry on the part of a person driving an electric car that the battery will run out of power before the destination or a suitable charging point is reached.
- 5 A _____ is a vehicle that emits no tailpipe pollutants from the onboard source of power.
- 6 A _____ combine a gasoline or diesel engine with an electric motor and a large rechargeable battery.
- 7 A _____ is a type of hybrid vehicle and electric vehicle that combines a conventional internal combustion engine (ICE) propulsion system with an electric propulsion system (hybrid vehicle drivetrain).
- 9 _____ is a quick charging method for battery electric vehicles delivering high-voltage direct current via a special electrical connector derived from the SAE J1772 (IEC Type 1) or IEC Type 2 connector.

DOWN

- 1 An _____ is an automobile that is propelled by one or more electric motors, using electrical energy stored in rechargeable batteries or another energy storage device.
- 2 The _____ is perfect for high-traffic commercial locations, fleets installations, gas stations, and at locations along major transportation corridors.
- 3 An _____ is a heat engine where the combustion of a fuel occurs with an oxidizer (usually air) in a combustion chamber that is an integral part of the working fluid flow circuit.
- 8 _____ or all-electric vehicle is a type of electric vehicle (EV) that uses chemical energy stored in rechargeable battery packs.