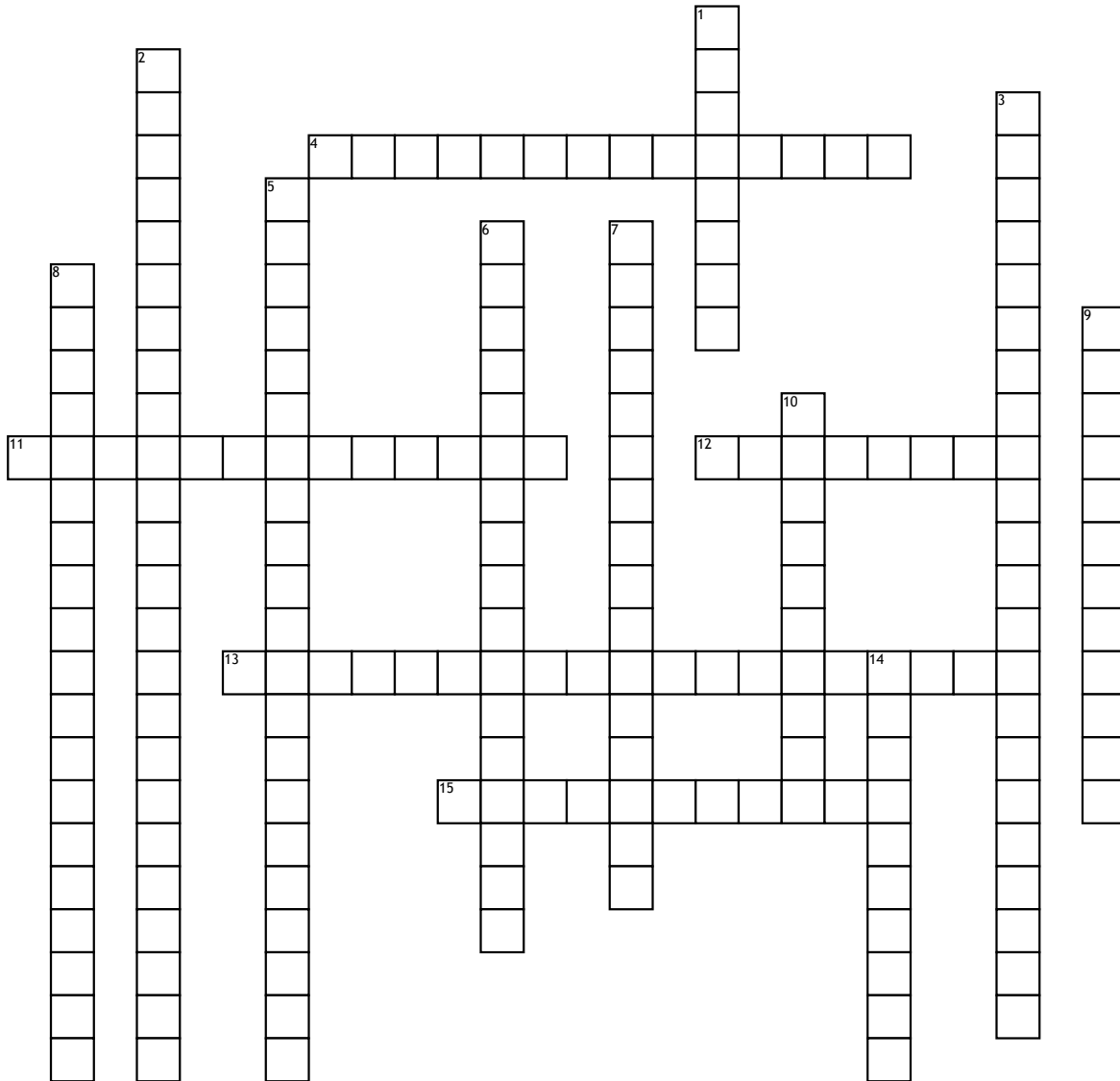


Name: _____

Date: _____

CDL Prep



Across

- 4. Holds compressed air.
- 11. Pumps air into the air storage tank.
- 12. The maximum safe weight a tire can carry at a specified pressure.
- 13. Tells how much pressure is in the air tank.
- 15. In the first air tank only so that the rest of the system does not experience too much pressure.

Down

- 1. Works at >100 psi or <125 psi to maintain air in the storage tanks.
- 2. Value specified by the manufacturer as the loaded weight of a single vehicle.
- 3. Rated for the maximum rate they can pull and/or carry.
- 5. Warns when air pressure in the tank falls below 60 psi.
- 6. Reduces the risk of ice in the air brake system during the winter months.

- 7. Have a manufacturer's weight capacity rating.
- 8. Shows how much pressure is being applied to the brakes.
- 9. Allows water/oil to be removed from the air tank at the end of the each day.
- 10. Foot valve or treadle valve.
- 14. The weight transmitted to the ground by one axle or one set of axles.