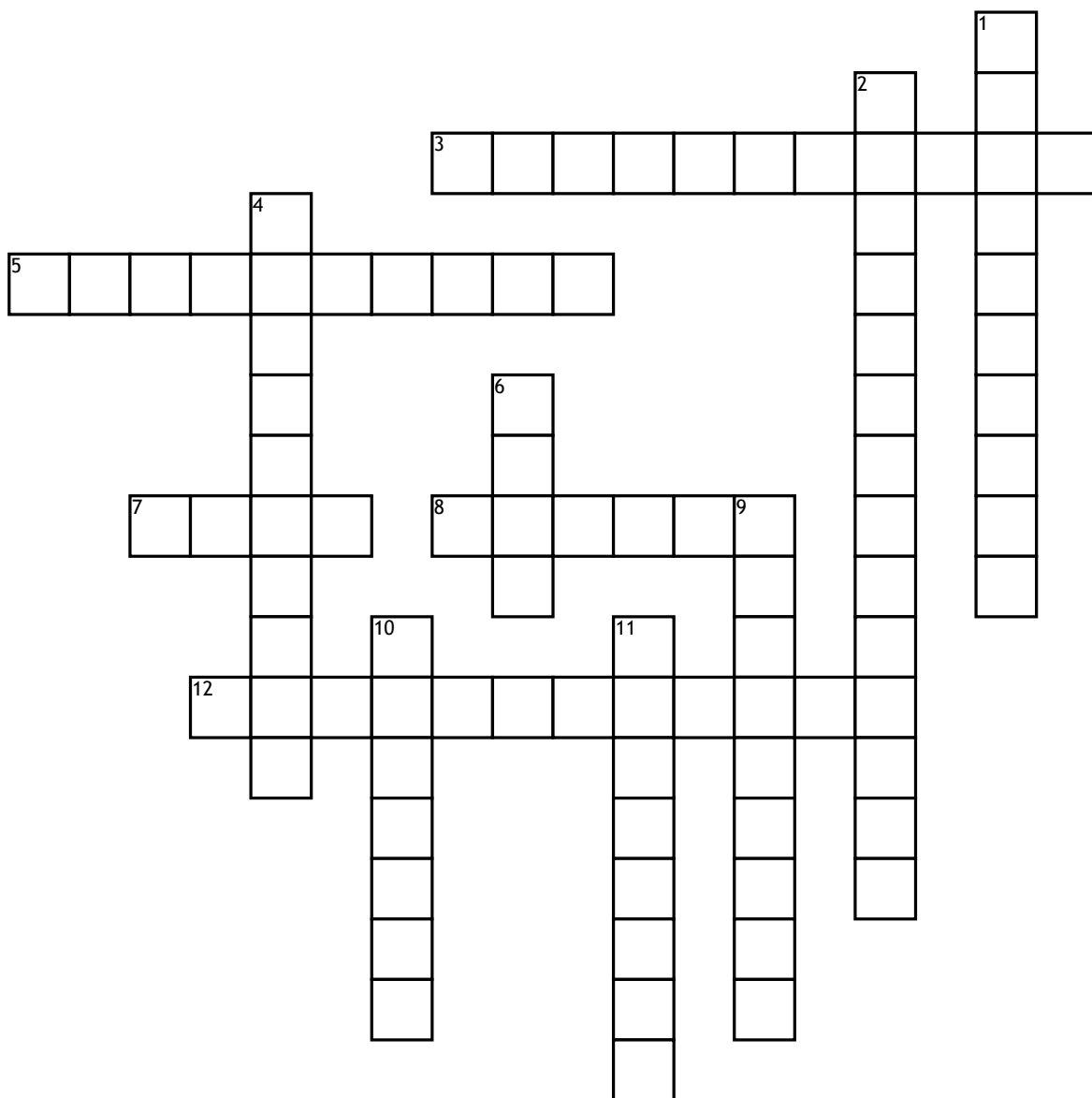


Name: _____

Date: _____

Renew HVAC



Across

3. A combination of an outdoor unit and an indoor unit. This is the most common type of system.

5. A component in the basic refrigeration cycle that absorbs or adds heat to the system. It can be used to absorb heat from air or from a liquid. It is the cold side of an air conditioner or heat pump.

7. A transfer of fluid volume per unit time.

8. A plate or gate placed in a duct to control air flow by increasing friction in the duct.

12. Equipment that extracts and removes humidity from the air.

Down

1. System that monitors and regulates a heating or cooling system. It can be used to set the desired temperature at which it keeps the environment either heated or cooled.

2. The study of the behavior of air-water vapor mixtures.

4. A device that controls the operation of part or all of a system.

6. Heating Ventilation Air Conditioning

9. The transfer of heat directly from one surface to another (without heating the intermediate air acting as a transfer mechanism).

10. A component of an HVAC system that adds heat to air or an intermediate fluid by burning fuel (natural gas, oil, propane, butane, or other flammable substances) in a heat exchanger.

11. Evenly distributes air flow in the desired directions.