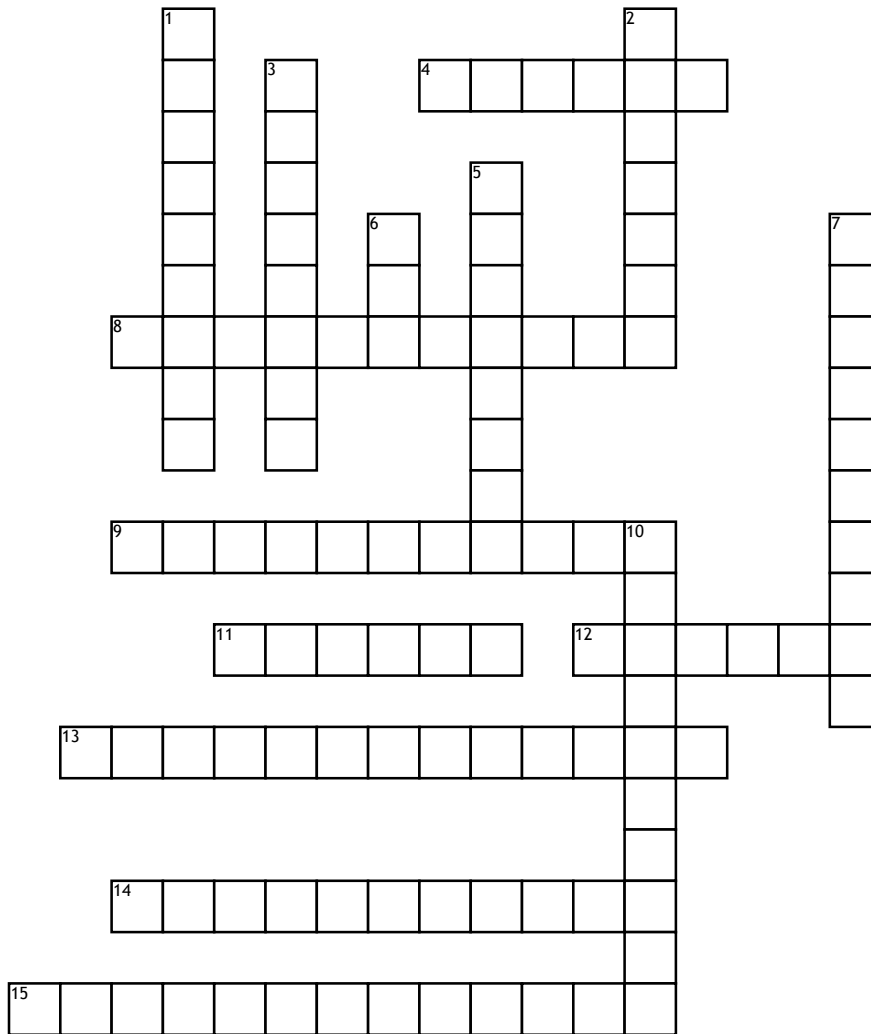


Name: _____

Date: _____

Weather



Across

- 4. a gas that makes up about 21 percent of Earth's atmosphere
- 8. the scientific study of weather
- 9. when air moves from an area of high pressure to one of low pressure
- 11. to get bigger; to take up more space
- 12. smooth, non- intersecting lines on a map that represent air pressure over a large region

13. a scientist who studies the weather

14. The force exerted on a surface by the mass of the air above it

15. a greenhouse gas found in Earth's atmosphere

Down

- 1. the layer of the atmosphere above the thermosphere
- 2. the amount of mass in a sample of matter compared to the volume of that sample

3. to push particles closer together

5. the unit that meteorologist use when reporting air pressures on a weather map

6. The mixture of gases surrounding Earth

7. the layer of gases surrounding Earth

10. he layer of the atmosphere above stratosphere

Word Bank

- | | | | | |
|----------|---------------|----------------|--------------|------------|
| density | isobar | carbon dioxide | air pressure | oxygen |
| expand | millibar | meteorology | atmosphere | mesosphere |
| compress | meteorologist | air | equilibrium | exosphere |