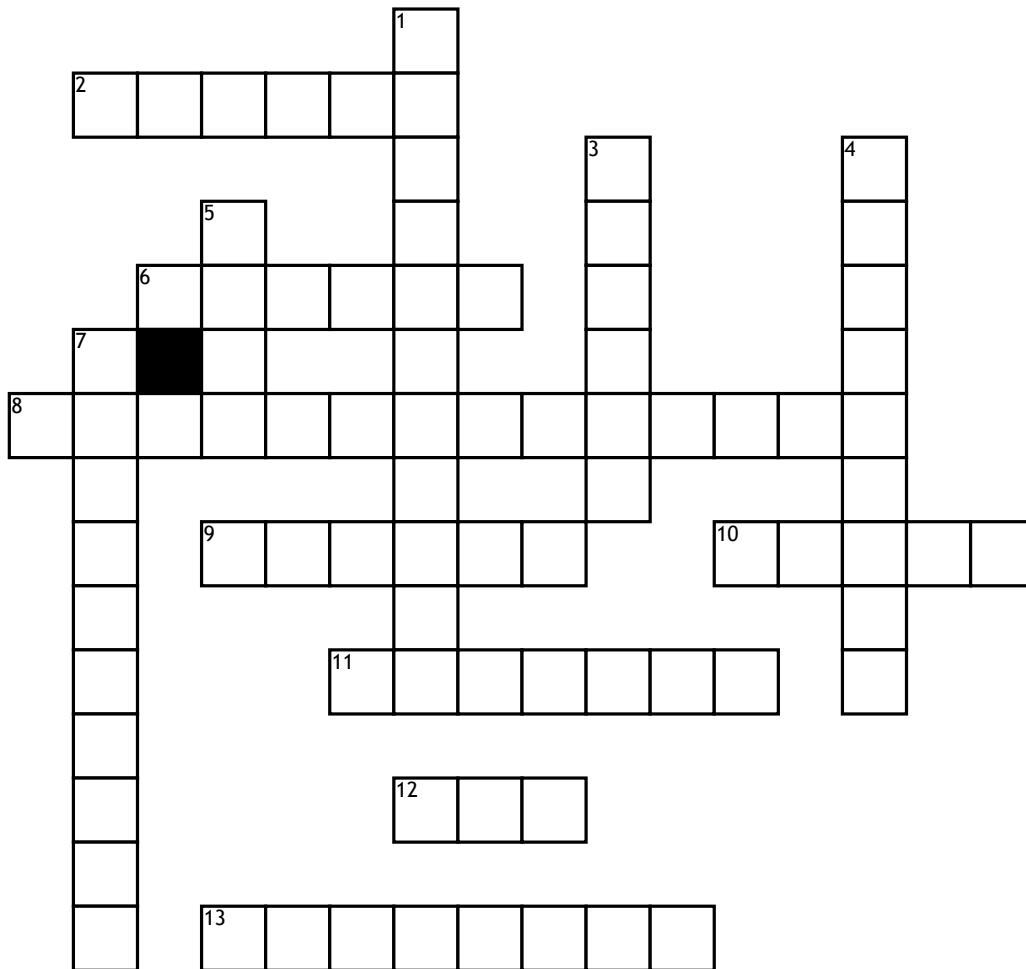


Name: _____

Date: _____

Matter



Across

- 2. the amount of space taken up by an object
- 6. anything that takes up space
- 8. a characteristic that does not involve a chemical change; density and color are examples
- 9. matter with a definite volume but takes the shape of its container
- 10. matter with a definite shape and volume

- 11. a physical property that measure the amount of matter (mass) in a given volume
- 12. matter with no definite shape or volume
- 13. amount of force exerted on a given area of an object's surface

Down

- 1. measure of how hot or cold something is; a measure of energy of particles of matter
- 3. a measure of the gravitational force on an object

- 4. law that states at constant temperature, the pressure exerted by a gas increases as the volume decreases and vice versa
- 5. a measure of the amount of matter in an object
- 7. law that states: at constant pressure, the volume increases as the temperature increases and vice versa

Word Bank

- | | | | | |
|--------|------------|-------------|-------------|-----------------|
| mass | pressure | Charles Law | temperature | physical change |
| matter | Boyles Law | liquid | solid | volume |
| weight | gas | density | | |