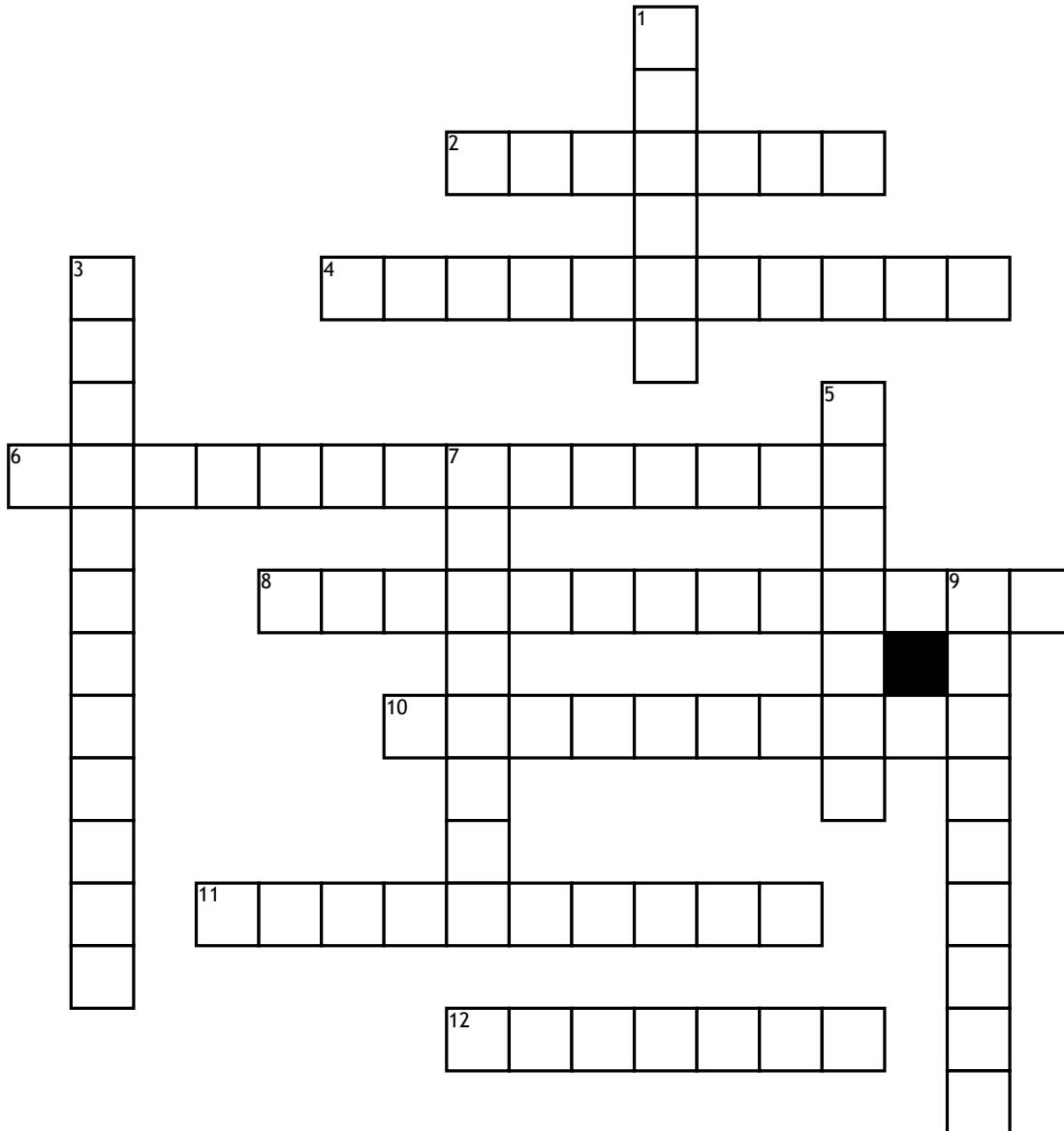


# Properties of materials



**Across**

- 2. The combination of two substances with different physical properties.
- 4. A variable that is not affected by other variables.
- 6. Solid, liquid and gas.
- 8. A substance that is made up of one type of particle.

- 10. Separating method used to separate an insoluble solid from a liquid.
- 11. Special characteristics used to describe a substance.
- 12. Separation method used to separate solids of different sizes.

**Down**

- 1. \_\_\_\_\_ is anything that has mass and takes up space.

- 3. Separation method used to collect both the solute and the solvent.
- 5. Waste that comes from plants and animals.
- 7. When a material can bend without breaking.
- 9. Materials that allow electricity to move through them.