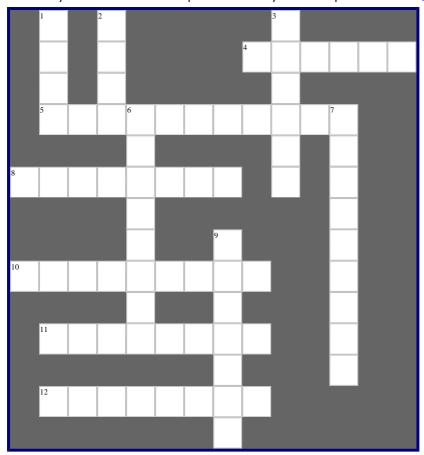
## 7g - Particles

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## **Across**

- 4. A gas at the same temperature as its liquid state (6)
- 5. A measure of how hot or cold a substance is. (11)
- 8. When a gas changes state to a liquid. (8)
- 10. The movement of one substance through another substance. (9)
- 11. A group of atoms chemically joined. (8)
- 12. When a liquid cools to become a solid. (8)

## **Down**

- 1. A form of energy due molecular motion. (4)
- 2. The smallest particle of an element. (4)
- 3. A volume empty of free molecules. (6)
- 6. Force in newtons divided by the area. (8)
- 7. Change from a liquid to a gas only at the liquid surface. (9)
- 9. When liquid changes state to a gas. (7)

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