

**1**

- a** buoyancy
- b** gravity
- c** friction
- d** magnetism

**2**

- a** inclined plane
- b** wedge
- c** pulley
- d** screw
- e** wheel and axle

**3**

- a** wedge
- b** wheel and axle
- c** pulley
- d** screw
- e** inclined plane

**4**

- a** screw
- b** tennis racquet
- c** bicycle
- d** door handle
- e** scissors

**5**

- A complex machine consists of simple machines working together.
- Complex machines use different sources.
- Mechanical machines make objects move.
- Thermal machines produce or remove heat.
- Information processing machines make calculations or transform information.

**6**

- a** the Sun
- b** oil
- c** water