

## Workbook page 78

### 9lb Energy for movement

- 1 chemical energy – food; gravitational potential energy – a box on a high shelf; kinetic energy – a football flying through the air; elastic potential energy – a stretched elastic band; internal energy – a pan of hot water; nuclear energy – energy stored inside atoms
- 2 Coal is made from the remains of plants. These plants originally got their energy from the Sun.
- 3
  - a As elastic potential (strain) energy in the bent bow.
  - b It is transferred to the arrow, where it is stored as kinetic energy.
- 4
  - a NR
  - b R
  - c R
  - d NR
  - e R
  - f NR