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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