

Solutions

Each answer shows the steps, then the **result**.

2.1

- Using less energy

2.2

- Any one: LED bulbs, insulation, efficient appliances, hybrid cars

2.3

- It reduces fossil-fuel use and the CO₂ and pollution that go with it

3.1 B

- efficiency (same service, less energy)

3.2

(a)

- Conservation: e.g. turn off lights / drive less; efficiency: e.g. LED bulbs / insulation

(b)

- Using less energy lowers fossil-fuel demand, cutting CO₂ emissions and pollution

3.3

- Saving energy avoids the cost of generating it, and efficiency measures often pay for themselves through lower bills, so they cut emissions at negative or low net cost