

Solutions

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

2.1

- Liquid that seeps through waste and can pollute groundwater

2.2

- Methane

2.3

- Any one: reduces waste volume, can generate energy

3.1 B

- stop leachate contaminating groundwater

3.2

(a)

- Landfill — advantage: cheap; disadvantage: uses land / leachate / methane

(b)

- Incinerator — advantage: reduces volume / energy; disadvantage: air pollution / toxic ash / cost

3.3

- The methane can be **captured** and burned as fuel to generate electricity, turning a greenhouse-gas problem into an energy source