

Solutions

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

2.1

- The area of land and water needed to supply a person's resources and absorb their waste

2.2

- Any one: high energy use, meat-heavy diet, driving, buying many goods

2.3

- Any one: use less energy, eat lower on the food chain, recycle, use renewables

3.1 B

- high resource consumption

3.2

(a)

- The wealthy, high-consuming country

(b)

- Its people consume more energy, food, and goods and produce more waste, requiring more land and water per person

3.3

- Overshoot means humanity's total footprint exceeds Earth's biocapacity, so resources are being used faster than the planet can regenerate them