

Solutions

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

2.1

- More species fill more roles, so it can recover better from disturbances

2.2

- Any one: clean water, pollination, climate regulation, food

2.3

- Any one: habitat loss, pollution, invasive species, overharvesting, climate change

3.1 B

- more resilient to disturbance

3.2

(a)

- In a diverse ecosystem, other species can fill the lost species' role, so the ecosystem keeps functioning

(b)

- Any one: habitat destruction, pollution, overharvesting

3.3

- Many services (pollination, water purification, food) depend on particular species; losing them removes those functions, reducing the services people rely on