

Solutions

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

2.1

- A food chain is a single line of feeding; a food web links many chains together

2.2

- From the organism eaten to the one that eats it (prey
- predator)

2.3

- A species with an outsized role whose removal greatly affects the community

3.1 B

- energy flows from the rabbit to the fox

3.2

(a)

- With fewer predators, the mouse population is likely to increase

(b)

- Most organisms eat and are eaten by several species, which a web shows but a single chain does not

3.3

- A keystone species affects many others (e.g. by controlling prey numbers); removing it lets some populations grow and others shrink, changing the whole web