

Solutions

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

2.1

- a population is a group of organisms of **one species**, living in the same area at the same time

2.2

- the fastest growth is the **exponential (log) phase**

3.1 B

- in the stationary phase **births roughly equal deaths**
- A is the log phase; C is the death phase; D is empty

3.2

(a)

- any **two** of: food supply / competition / predation / disease

(b)

- food runs out (or wastes build up / disease spreads)
- so **deaths exceed births** and numbers fall