

Solutions

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

2.1

- More species

2.2

- More immigrants

2.3

- Extinction

3.1 B

- fewer species (less immigration)

3.2

(a)

- The large fragment

(b)

- A larger area has more habitat and larger populations (lower extinction), so it keeps more species, like a large island

3.3

- Corridors let species move between fragments, increasing immigration and gene flow and reducing extinction — effectively making the fragments act like one larger habitat