

Solutions

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

2.1

- Salinity — freshwater has low salt, marine is salty

2.2

- Where a river meets the sea

2.3

- Any one: salinity, sunlight, temperature, nutrients, dissolved oxygen

3.1 B

- nutrient-rich where rivers meet the sea

3.2

(a)

- Warm, clear, shallow water (any two)

(b)

- Sunlight cannot penetrate deep water, so photosynthesis (and the producers it supports) is limited near the surface

3.3

- They are nutrient-rich and sheltered, so many marine species breed and their young grow there before moving to the open sea