

Solutions

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

2.1

- The endocrine (hormone) system

2.2

- Any one: atrazine, BPA, DDT

2.3

- Hormones act in tiny amounts, so even small pollutant doses can disrupt them

3.1 B

- hormones, even at low doses

3.2

(a)

- The chemical mimics a female hormone (estrogen), disrupting the frogs' hormone system and causing male frogs to develop female traits

(b)

- Reduced reproduction / skewed sex ratio, lowering population

3.3

- They mimic or block hormones, which naturally work at very low concentrations, so tiny amounts can strongly disrupt development and reproduction