

Solutions

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

2.1

- SO_2 and NO_x

2.2

- It acidifies the water, killing fish/aquatic life

2.3

- Any one: scrubbers, low-sulfur fuel, catalytic converters, less fossil-fuel use

3.1 B

- water to form acids

3.2

(a)

- The plants emit SO_2 and NO_x ; these react with water in the air to form sulfuric and nitric acids; the acid rain falls into the lakes and acidifies them

(b)

- Any one: scrubbers, low-sulfur fuel, reduce coal use

3.3

- The pollutants are carried by wind and fall as acid rain far from where they were emitted, so one country's emissions can damage another's ecosystems