

Solutions

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

2.1

- Nitrogen (~78%) and oxygen (~21%)

2.2

- The troposphere

2.3

- The stratosphere

3.1 B

- ultraviolet (UV) radiation

3.2

(a)

- Troposphere then stratosphere

(b)

- The ozone layer

3.3

- It absorbs most of the Sun's harmful UV radiation, which would otherwise damage DNA and cause skin cancer and harm other organisms