

Solutions

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

2.1

- Any one: traffic, industry, construction, aircraft

2.2

- Any one: stress, sleep disruption, hearing loss, high blood pressure

2.3

- Any one: sound barriers, quieter technology, zoning, hour limits

3.1 A

- communication and navigation

3.2

(a)

- Any one: stress, sleep disruption, hearing effects

(b)

- Any two: sound walls, quieter road surfaces/vehicles, zoning/hour limits, tree buffers

3.3

- Ship noise masks the sounds whales use to communicate and navigate, disorienting them and interfering with finding mates or food