

Solutions

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

2.1

- The effect (response) against the dose

2.2

- A dose below which there is no observable effect

2.3

- Any dose carries some risk (no safe level)

3.1 B

- no effect below a certain dose

3.2

(a)

- 20 mg

(b)

- Below 20 mg there is no observable effect; above it, the response increases with dose

3.3

- Even a single exposure could damage DNA and start a cancer, so any dose is assumed to carry some risk — there is no dose considered completely safe