

Solutions

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

2.1

- any of: pH, sound level in decibels, earthquake magnitude (Richter)

2.2

- a factor of 10

2.3

- rises quickly at first, then levels off (increasing and concave down)

3.1 B

3.2 D

3.3

(a)

- 20 dB

(b)

- 2

(c)

- $\times 100$