

Solutions

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

2.1

- metres per second (m/s)

2.2

- the quantity is increasing

2.3

- at $t = 5$, the population is growing at 200 per unit time

3.1 B

3.2 B

3.3

(a)

- litres per minute (L/min)

(b)

- the amount is decreasing

(c)

- at $t = 3$ min, the water is falling at 4 L/min