

Solutions

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

2.1

- $2.5 \times 8 = 20$ L

2.2

- Triangle area $= \frac{1}{2}(4)(10) = 20$ units

2.3

- $12 - 5 = 7$

3.1 B

- the area under a velocity–time graph is displacement

3.2

(a)

- $2 \times 3 = 6$ kWh

(b)

- triangle $\frac{1}{2}(2)(4) = 4$ kWh

(c)

- $6 + 4 = 10$ kWh

3.3

- $30 - 8 = 22$ kg