

Solutions

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

2.1

- $v(t) = x'(t)$

2.2

- $a(t) = v'(t)$

2.3

- $v(t) = 2t - 4$; at rest when $2t - 4 = 0$, i.e. $t = 2$

3.1 B

3.2 B

3.3

(a)

- $v(t) = 2t - 4$

(b)

- $a(t) = 2$

(c)

- $t = 2$