

Solutions

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

2.1

- $\frac{x(t_2) - x(t_1)}{t_2 - t_1}$

2.2

- $\frac{dy}{dx} = \frac{\Delta y / \Delta t}{\Delta x / \Delta t}$

2.3

- $x: \frac{3-0}{3} = 1; y: \frac{6-0}{3} = 2$

3.1 B

3.2 A

3.3

(a)

- $\Delta x = 6$

(b)

- $\Delta y = 2$

(c)

- $\frac{2}{6} = \frac{1}{3}$