

Solutions

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

2.1

- the derivative of the first derivative

2.2

- $f' = 3x^2$, so $f'' = 6x$

2.3

- $f''(x)$ or $\frac{d^2y}{dx^2}$

3.1 B

3.2 B

3.3

(a)

- $4x^3$

(b)

- $12x^2$

(c)

- 12