

Solutions

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

2.1

- apply g first, then f : $f(g(x))$

2.2

- $(f \circ g)(x) = 3x + 2$

2.3

- $(g \circ f)(x) = (x + 2) \cdot 3 = 3x + 6$

3.1 B

3.2 B

3.3

(a)

- $2(x - 1) = 2x - 2$

(b)

- $2x - 1$

(c)

- $2(4 - 1) = 6$