

Solutions

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

2.1

- factor and cancel the common factor, then substitute

2.2

- $x + 3$ (for $x \neq 3$)

2.3

- $\lim_{x \rightarrow 3}(x + 3) = 6$

3.1 B

3.2 B

3.3

(a)

- $(x - 1)(x + 1)$

(b)

- $x + 1$

(c)

- 2