

Solutions

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

2.1

- where $f' > 0$

2.2

- $2x - 4 > 0 \Rightarrow x > 2$

2.3

- $x < 2$

3.1 B

3.2 B

3.3

(a)

- $x = \pm 1$

(b)

- $f'(0) = -3 < 0$

(c)

- $(-1, 1)$