

Solutions

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

2.1

- f' changes from $+$ to $-$

2.2

- f' changes from $-$ to $+$

2.3

- f' goes $-$ to $+$, so $x = 2$ is a local minimum

3.1 B

3.2 B

3.3

(a)

- negative

(b)

- positive

(c)

- local minimum