

Solutions

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

2.1

- when the left-hand and right-hand limits are equal

2.2

- $\lim_{x \rightarrow a^-} f(x)$

2.3

- the two-sided limit is 4

3.1 B

3.2 B

3.3

(a)

- 5

(b)

- 3

(c)

- no, the one-sided limits differ