

Solutions

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

2.1

- from the real zeros of the numerator (that lie in the domain)

2.2

- $x = 4$

2.3

- if it is also a zero of the denominator, it is outside the domain (a hole, not a zero)

3.1 B

3.2 B

3.3

(a)

- $x = 3$ and $x = -3$

(b)

- $x = 3$ and $x = -3$

(c)

- $x = 1$