

Solutions

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

2.1

- a vertical shift up by 3

2.2

- a horizontal shift right by 2

2.3

- it is the graph of f shifted up 5 units

3.1 B

3.2 B

3.3

(a)

- shift f up 3

(b)

- shift f right 1

(c)

- $(1, 0)$