

Solutions

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

2.1

- it scales the graph vertically, setting the amplitude to $|a|$

2.2

- it shifts the graph vertically, moving the midline to $y = k$

2.3

- amplitude 2; midline $y = -3$

3.1 B

3.2 B

3.3

(a)

- 4

(b)

- $y = 2$

(c)

- $2 + 4 = 6$