

Solutions

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

2.1

- a relation that maps each input value to exactly one output value

2.2

- the domain is the set of input values; the range is the set of output values

2.3

- $f(3) = 2(3) + 1 = 7$

3.1 B

3.2 B

3.3

(a)

- $f(2) = 4$

(b)

- $\{1, 4, 9\}$

(c)

- x