

Solutions

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

2.1

- the derivative of the cost function, $C'(x)$

2.2

- dollars per item

2.3

- near $x = 100$ items, cost rises about \$5 per additional item

3.1 B

3.2 B

3.3

(a)

- dollars per item

(b)

- cost is rising with output

(c)

- about \$8 to produce the 51st item