Name:

Date:

Evaluating One Variable

Evaluate each expression using the value given.

1) $3(8x + 6), x = 2$

2) $-6(4x + 7), x = 1$

3) $-2(7x + 2), x = -1$

4) $(-2)(2x + 1), x = 6$

5) $(-1)(7 + 6x), x = 5$

6) $14x + 9 - x^2, x = 2$

7) $(-5)(2x - 1) - 2(2x + 3), x = -1$

8) $12x^2 + 3x - 7, x = 5$

9) $9x - 3x + 12, x = 6$

10) $2x(9 - 10x), x = 3$

11) $15 + 2x - 9, x = -3$

12) $2(-7x + 5), x = -5$

13) $-7(x^2 - 5x + 1), x = 3$

14) $(-5)(8x + 1) + 4(x), x = -2$

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QUIZ ?

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Evaluating One Variable

Name:

Date:

Answers

Evaluate each expression using the value given.

1) $3(8x + 6), x = 2$
66

2) $-6(4x + 7), x = 1$
-66

3) $-2(7x + 2), x = -1$
10

4) $(-2)(2x + 1), x = 6$
-26

5) $(-1)(7 + 6x), x = 5$
-37

6) $14x + 9 - x^2, x = 2$
33

7) $(-5)(2x - 1) - 2(2x + 3), x = -1$
13

8) $12x^2 + 3x - 7, x = 5$
308

9) $9x - 3x + 12, x = 6$
48

10) $2x(9 - 10x), x = 3$
-126

11) $15 + 2x - 9, x = -3$
0

12) $2(-7x + 5), x = -5$
80

13) $-7(x^2 - 5x + 1), x = 3$
35

14) $(-5)(8x + 1) + 4(x), x = -2$
67

QUIZ ?

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