Name:

Date:

Evaluating One Variable

Simplify each algebraic expression.

1) $x - 2, x = 4$

2) $5 + x, x = 2$

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

4) $(16 - 12x)(-2), x = -3$

5) $10 - 3x, x = -2$

6) $9 - x, x = 3$

7) $10 + 2x - 6, x = 3$

8) $x + 2, x = 5$

9) $4x + 6, x = -1$

10) $(-3) + \frac{x}{4} + 2x, x = 16$

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1) $x - 2, x = 4$

2

2) $5 + x, x = 2$

7

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

48

4) $(16 - 12x)(-2), x = -3$

-104

5) $10 - 3x, x = -2$

16

6) $9 - x, x = 3$

6

7) $10 + 2x - 6, x = 3$

10

8) $x + 2, x = 5$

7

9) $4x + 6, x = -1$

2

10) $(-3) + \frac{x}{4} + 2x, x = 16$

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