Name:

Date:

Evaluating Two Variables

Simplify each algebraic expression.

1) $-2a + 4b$,
$a = 6, b = 3$

2) $x \times 4 \div y$, $x = 3$, $y = 2$

3) $8x + 5y$,
$x = 1, y = 5$

4) $2x + 4y - 3 + 2$, $x = 5$, $y = 3$

5) $10 + 3x + 7 - 2y$, $x = 7$, $y = 6$

6) $2x + 4y$,
$x = 3, y = 2$

7) $5z + 19 + 8k$,
$z = -5, k = 4$

8) $9x + 2 - 4y$, $x = 7$, $y = 5$

9) $4a - (15 - b)$,
$a = 4, b = 6$

10) $4x + 7 - 2y$,
$x = 7, y = 6$

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1) $-2a + 4b$,
$a = 6, b = 3$

0

2) $x \times 4 \div y$, $x = 3$, $y = 2$

6

3) $8x + 5y$,
$x = 1, y = 5$

33

4) $2x + 4y - 3 + 2$, $x = 5$, $y = 3$

21

5) $10 + 3x + 7 - 2y$, $x = 7$, $y = 6$

26

6) $2x + 4y$,
$x = 3, y = 2$

14

7) $5z + 19 + 8k$,
$z = -5, k = 4$

26

8) $9x + 2 - 4y$, $x = 7$, $y = 5$

45

9) $4a - (15 - b)$,
$a = 4, b = 6$

7

10) $4x + 7 - 2y$,
$x = 7, y = 6$

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