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

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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