Evaluate Expressions

Name: _____   Score: _____

Evaluate the following expressions for x = 4 and y = 5

$4 + 2x - 3x^2 - x$

$2x + 2y^2 - 4x^2 - 4y^2$

$4 - y^2 + 4x^2 - 5$

$10 + 2x - 2x^2 - 2y$

$3y + 3x^2 - 4x^2 - 20$

$3 - 2x^2 + 3y^2 - 5$

$2x^2 + y - 3y + 12$

$5 - 2xy - 2 - xy$

$y^2 + x + 3x - 11$

$y - 2xy + 5 - xy$

$y^2 + 4 + y - 3x^2$

$-y^2 - 2y^2 + 5x + 2x$

$3y + x^2 - 3y + 15$

$10 + 5x^2 - 5y + 12$

$8 + 3y - 5x^2 - x^2$

$2x^2 - y + 10 - 2x^2$

$y^2 - 4y + 3x - 8$

$2 + y + 2x^2 - x^2$

$2y - 5 + y + 2x^2$

$12 + 2x^2 - 2y^2 + 2x$

$2x^3 + 3y^2 - y^3 - 5$

Answers

Evaluate the following expressions for x = 4 and y = 5

$4 + 2x - 3x^2 - x$

-40

$2x + 2y^2 - 4x^2 - 4y^2$

-106

$4 - y^2 + 4x^2 - 5$

38

$10 + 2x - 2x^2 - 2y$

-24

$3y + 3x^2 - 4x^2 - 20$

-21

$3 - 2x^2 + 3y^2 - 5$

41

$2x^2 + y - 3y + 12$

34

$5 - 2xy - 2 - xy$

-57

$y^2 + x + 3x - 11$

30

$y - 2xy + 5 - xy$

-50

$y^2 + 4 + y - 3x^2$

-14

$-y^2 - 2y^2 + 5x + 2x$

-47

$3y + x^2 - 3y + 15$

31

$10 + 5x^2 - 5y + 12$

77

$8 + 3y - 5x^2 - x^2$

-73

$2x^2 - y + 10 - 2x^2$

5

$y^2 - 4y + 3x - 8$

9

$2 + y + 2x^2 - x^2$

23

$2y - 5 + y + 2x^2$

42

$12 + 2x^2 - 2y^2 + 2x$

2

$2x^3 + 3y^2 - y^3 - 5$

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