Evaluate Expressions

Name: _____   Score: _____

Evaluate the following expressions for x = 2 and y = 3

$5 + 3x - 4x^2 - x$

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

$4 - y^2 + 2x^2 - 1$

$56 + 3x - 4x^2 - y$

$y + 2x^2 - 4x^2 - 25$

$4 - x^2 + 2y^2 - 6$

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

$1 - xy - 2 - xy$

$2y^2 + x + 4x - 15$

$y - 3xy + 1 - xy$

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

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

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

$30 + 6x^2 - 5y + 16$

$8 + 6y - 10x^2 - x^2$

$x^2 - y + 30 - x^2$

$y^2 - 5y + 5x - 9$

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

$3y - 6 + y + 3x^2$

$25 + 3x^2 - 4y^2 + 5x$

$4x^3 + 4y^2 - 2y^3 - 6$

Answers

Evaluate the following expressions for x = 2 and y = 3

$5 + 3x - 4x^2 - x$

-7

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

-41

$4 - y^2 + 2x^2 - 1$

2

$56 + 3x - 4x^2 - y$

43

$y + 2x^2 - 4x^2 - 25$

-30

$4 - x^2 + 2y^2 - 6$

12

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

2

$1 - xy - 2 - xy$

-13

$2y^2 + x + 4x - 15$

13

$y - 3xy + 1 - xy$

-20

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

6

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

-27

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

11

$30 + 6x^2 - 5y + 16$

55

$8 + 6y - 10x^2 - x^2$

-18

$x^2 - y + 30 - x^2$

27

$y^2 - 5y + 5x - 9$

-5

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

12

$3y - 6 + y + 3x^2$

18

$25 + 3x^2 - 4y^2 + 5x$

11

$4x^3 + 4y^2 - 2y^3 - 6$

8