Evaluate Expressions

Name: _____ Score: _____

Evaluate the following expressions for $x = 5$

$2(x^2 + 2)$	$3(-5x^2 + 3)$	$4x^2(-2x - 5)$
$-2x(-3x^2 - 4)$	$2x(-2 + 3x)$	$-5(-x^2 + 3x)$
$-2x(-2x + 4x^2)$	$3x(-3x^2 + 2x)$	$-3x(-4 - x^2)$
$2x(5 + x^2)$	$-x(-x + 2)$	$-x(2x^2 + 3x)$
$x^2(2 - 2x)$	$4x(2x + 5)$	$3x(2x - 2x^2)$
$4x(-x^2 + 3x)$	$2(3x^2 + 4x)$	$3x^2(x^2 + 2)$
$-x^2(-3 + x)$	$3(x^3 + 5)$	$6(-x^2 + 4x)$

Answers

Evaluate the following expressions for x = 5

$2(x^2 + 2)$

54

$3(-5x^2 + 3)$

-366

$4x^2(-2x - 5)$

-1,500

$-2x(-3x^2 - 4)$

790

$2x(-2 + 3x)$

130

$-5(-x^2 + 3x)$

50

$-2x(-2x + 4x^2)$

-900

$3x(-3x^2 + 2x)$

-975

$-3x(-4 - x^2)$

435

$2x(5 + x^2)$

300

$-x(-x + 2)$

15

$-x(2x^2 + 3x)$

-325

$x^2(2 - 2x)$

-200

$4x(2x + 5)$

300

$3x(2x - 2x^2)$

-600

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

-200

$2(3x^2 + 4x)$

190

$3x^2(x^2 + 2)$

2,025

$-x^2(-3 + x)$

-50

$3(x^3 + 5)$

390

$6(-x^2 + 4x)$

-30