

Evaluate Expressions

Name: _____ Score: _____

Evaluate the following expressions for $y = -1$

$$3(y^2 + 3)$$

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

$$2y^2(-3y - 2)$$

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

$$3y(-3 + 3y)$$

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

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

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

$$-4y(-4 - y^2)$$

$$3y(6 + y^2)$$

$$-y(-y + 4)$$

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

$$y^2(5 - 2y)$$

$$3y(2y + 3)$$

$$2y(4y - 2y^2)$$

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

$$2(4y^2 + 2y)$$

$$y^2(y^2 + 7)$$

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

$$4(y^3 + 3)$$

$$5(-y^2 + 4y)$$

Answers

Evaluate the following expressions for $y = -1$

$$3(y^2 + 3)$$

12

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

2

$$2y^2(-3y - 2)$$

2

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

-9

$$3y(-3 + 3y)$$

18

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

-10

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

12

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

15

$$-4y(-4 - y^2)$$

-20

$$3y(6 + y^2)$$

-21

$$-y(-y + 4)$$

5

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

1

$$y^2(5 - 2y)$$

7

$$3y(2y + 3)$$

-3

$$2y(4y - 2y^2)$$

12

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

8

$$2(4y^2 + 2y)$$

4

$$y^2(y^2 + 7)$$

8

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

5

$$4(y^3 + 3)$$

8

$$5(-y^2 + 4y)$$

-25