

# Evaluate Expressions

Name: \_\_\_\_\_ Score: \_\_\_\_\_

Evaluate the following expressions for  $x = 4$

$$x + 12 = \quad 4x - 8 = \quad 12 + x^2 =$$

$$-x - 10 = \quad 2x - 3x = \quad x^4 - 64 =$$

Evaluate the following expressions for  $y = 7$

$$3y + 6 = \quad 10 + y^2 = \quad y - 15 =$$

$$-2y + 10 = \quad -4y + 12 = \quad y^0 - 2 =$$

Evaluate the following expressions for  $t = 5$

$$2t - 5 = \quad 15 - t^2 = \quad 6t + 10 =$$

$$-2t + 15 = \quad t - 25 = \quad t^2 - 12 =$$

Evaluate the following expressions for  $n = -2$

$$2n + 5 = \quad 16 + n^2 = \quad n - 12 =$$

$$-5n + 10 = \quad 5n - 11 = \quad n^3 + 10 =$$

Evaluate the following expressions for  $d = 0.1$

$$d + 0.9 = \quad 2d + 0.8 = \quad 3 - 2d^0 =$$

$$d^1 + 0.9 = \quad -d + 1.1 = \quad d^2 + 0.4 =$$

# Answers

Evaluate the following expressions for  $x = 4$

$$x + 12 = 16 \qquad 4x - 8 = 8 \qquad 12 + x^2 = 28$$

$$-x - 10 = -14 \qquad 2x - 3x = -4 \qquad x^4 - 64 = 192$$

Evaluate the following expressions for  $y = 7$

$$3y + 6 = 27 \qquad 10 + y^2 = 59 \qquad y - 15 = -8$$

$$-2y + 10 = -4 \qquad -4y + 12 = -16 \qquad y^0 - 2 = -1$$

Evaluate the following expressions for  $t = 5$

$$2t - 5 = 5 \qquad 15 - t^2 = -10 \qquad 6t + 10 = 40$$

$$-2t + 15 = 5 \qquad t - 25 = -20 \qquad t^2 - 12 = 13$$

Evaluate the following expressions for  $n = -2$

$$2n + 5 = 1 \qquad 16 + n^2 = 20 \qquad n - 12 = -14$$

$$-5n + 10 = 20 \qquad 5n - 11 = -21 \qquad n^3 + 10 = 2$$

Evaluate the following expressions for  $d = 0.1$

$$d + 0.9 = 1 \qquad 2d + 0.8 = 1 \qquad 3 - 2d^0 = 1$$

$$d^1 + 0.9 = 1 \qquad -d + 1.1 = 1 \qquad d^2 + 0.4 = 0.41$$