

# Simplifying Expressions

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

Simplify the following expressions.

$$r - 3 + 5$$

$$3x^2 - 12 + 10$$

$$2f + 2f^2 - 2f$$

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

$$a + 4a^2 - 2a^2$$

$$8g + 2g - 5g$$

$$6t + t - 3$$

$$2n^2 + 3n^2 - 6n^2$$

$$-3 - 3 + 3x$$

$$8m + 9m^2 - 8m$$

$$2x^2 - 6 + 6$$

$$4 + 5c^2 - 2c^2$$

$$-2d + 7d - 2d^2$$

$$8u + u + 3u^2$$

$$7y + 5y^2 - 2y^2$$

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

$$2h + h^2 - 5h$$

$$j - 7j^2 - j$$

$$-2d^2 - 3d - 6d^2$$

$$3k + k^3 - 4k$$

$$4y^4 + 4y^3 - 5y^3$$

# Answers

Simplify the following expressions.

$$r - 3 + 5$$

$$r + 2$$

$$3x^2 - 12 + 10$$

$$3x^2 - 2$$

$$2f + 2f^2 - 2f$$

$$2f^2$$

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

$$2v^2 - 3x$$

$$a + 4a^2 - 2a^2$$

$$2a^2 + a$$

$$8g + 2g - 5g$$

$$5g$$

$$6t + t - 3$$

$$7t - 3$$

$$2n^2 + 3n^2 - 6n^2$$

$$-n^2$$

$$-3 - 3 + 3x$$

$$3x - 6$$

$$8m + 9m^2 - 8m$$

$$9m^2$$

$$2x^2 - 6 + 6$$

$$2x^2$$

$$4 + 5c^2 - 2c^2$$

$$3c^2 + 4$$

$$-2d + 7d - 2d^2$$

$$-2d^2 + 5d$$

$$8u + u + 3u^2$$

$$3u^2 + 9u$$

$$7y + 5y^2 - 2y^2$$

$$3y^2 + 7y$$

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

$$7x^2 + 2x$$

$$2h + h^2 - 5h$$

$$h^2 - 3h$$

$$j - 7j^2 - j$$

$$-7j^2$$

$$-2d^2 - 3d - 6d^2$$

$$-8d^2 - 3d$$

$$3k + k^3 - 4k$$

$$k^3 - k$$

$$4y^4 + 4y^3 - 5y^3$$

$$4y^4 - y^3$$