

Simplifying Expressions

Name: _____ Score: _____

Simplify the following expressions.

$$f - 1 + 4$$

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

$$d + d^2 - d$$

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

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

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

$$e + e - 5$$

$$z^2 + z^2 - 2x^2$$

$$-1 - 1 + y$$

$$r + r^2 - r$$

$$6x^2 - 5 + 6$$

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

$$-r + 6r - r^2$$

$$2t + t + t^2$$

$$w + 2w^2 - w^2$$

$$3r^2 + r + 3r^2$$

$$a + a^2 - 5a$$

$$q - 4q^2 - q$$

$$-5r^2 - r - 6r^2$$

$$u + u^3 - 2u$$

$$o^4 + 2o^3 - o^3$$

Answers

Simplify the following expressions.

$f - 1 + 4$

$f + 3$

$3x^2 - 12 + 10$

$3x^2 - 2$

$d + d^2 - d$

d^2

$d^2 + y - 5y$

$d^2 - 4y$

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

$-4x^2 + x$

$2x + 4x + 3x$

$9x$

$e + e - 5$

$2e - 5$

$z^2 + z^2 - 2x^2$

$2z^2 - 2x^2$

$-1 - 1 + y$

$y - 2$

$r + r^2 - r$

r^2

$6x^2 - 5 + 6$

$6x^2 + 1$

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

$9x^2 + 8$

$-r + 6r - r^2$

$-r^2 + 5r$

$2t + t + t^2$

$t^2 + 3t$

$w + 2w^2 - w^2$

$w^2 + w$

$3r^2 + r + 3r^2$

$6r^2 + r$

$a + a^2 - 5a$

$a^2 - 4a$

$q - 4q^2 - q$

$-4q^2$

$-5r^2 - r - 6r^2$

$-11r^2 - r$

$u + u^3 - 2u$

$u^3 - u$

$o^4 + 2o^3 - o^3$

$o^4 - o^3$