

Application_Grade-6_An Introduction to Algebra

Simplification of Expressions

Simplify the following expressions.

$3r(r^2 + 4)$

$2x(-8x^2 + 2)$

$2y(-3y - 9)$

$-2z(-6z - 1)$

$4q(-4 + 3q)$

$-2d(-2d^2 + 5d)$

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

$2a(-6a^2 + 6c)$

$-4k(-5 - k)$

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

$-d(-3d + 4)$

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

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

$2h(6h + 5)$

$6e(5v - 5e)$

$4b(-3b + 9b)$

$5(3q + 5q)$

$2n(3n^2 + 5)$

$-3m^2(-1 + m)$

$2r(2r^4 + 5)$

$8v(-2v^2 + 4f)$