

# Algebra Simplifying Worksheet

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

Date: \_\_\_\_\_

(a)  $\frac{6x + 8}{2}$

(b)  $\frac{9x - 12}{3}$

(c)  $\frac{35x^2 + 20}{5}$

(d)  $\frac{7m - 70n^3}{7}$

(e)  $\frac{10c + 25}{15}$

(f)  $\frac{8w + 2 - 4x}{12}$

(g)  $\frac{9x^2 + 12x + 33}{6}$

(h)  $\frac{3x^2 + 5x}{x}$

(i)  $\frac{3x^3 - 7x^2}{x}$

(j)  $\frac{8x^6 + x^4 + 3x}{x}$

(k)  $\frac{10x^7 + 15x^5 - 30x^4}{5x}$

(l)  $\frac{3c^6 - 15c^4}{6c}$

(m)  $\frac{-8x^5 - 12x^4 + 2x^3}{-4x}$

(n)  $\frac{6c^9 - 12c^3}{3c^2}$

(o)  $\frac{6c^6 + 2c^2}{4c^4}$