

Math 35 MW Worksheet 3

1. Simplify:

a. $-3w + q + 5q - w + 4w$

b. $(2x - 4) - (-x^2 - 3x + 1)$

c. $-2x^3(4x^2 - 3x - 1)$

d. $(x + 3)(x - 3)$

e. $-6x^3(-2x^2)(3x^4)$

f. $-x^2(3x - 1)(2x + 3)$

2. Find the GCF of 270 and 675.

3. Divide:

a. $\frac{38x^7}{-2x^4}$

b. $\frac{6x^5 - 9x^4 + 12x^3}{-3x^2}$

6. Factor: $5x^3 - 10x^2$