

Chapter 7 – Algebraic methods

? Example 1 – Simplifying algebraic fractions

Simplify these fractions:

a. $\frac{7x^4 - 2x^3 + 6x}{x}$

b. $\frac{(x+7)(2x-1)}{(2x-1)}$

c. $\frac{x^2 + 7x + 12}{(x+3)}$

d. $\frac{x^2 + 6x + 5}{x^2 + 3x - 10}$

e. $\frac{2x^2 + 11x + 12}{(x+3)(x+4)}$

