

Algebra 5: Fractions Part 2

Example 1:

Simplify: $\frac{x^2+7x+10}{5x+10} \div \frac{x^2+12x+35}{2x^2+19x+35}$

Question 1:

Simplify:

(i) $\frac{x^2+8x+15}{5x+25} \div \frac{x^2+7x+12}{5}$

(ii) $\frac{21x^2+25x-4}{9x+12} \div \frac{49x^2-1}{14x+2}$

(iii) $\frac{2x+1}{4x^2+14x+6} \div \frac{2x^2+3x+1}{4x^2+6x+2}$