Simplifying Quadratic Expressions

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Chapter 7: Worksheet 5

Level 1 - Simplify fractional expressions with a quadratic in the numerator
Level 2 - Simplify expressions with a quadratic numerator and denominator
Level 3 - Simplify expressions by removing a common factor first

Level 1

Simplify the fractional expression.

a) $\frac{x^2 - 4x + 4}{x - 2}$	b)	c)

Level 2

Simplify the fractional expression.

a) $\frac{x^2 + 5x + 6}{x^2 + 2x + x}$	b)	c)

Level 3

Simplify the fractional expression.

a) $\frac{2x^2 - 4x - 6}{4x^2 + 12x + 8}$	b)	c)