Algebraic Fractions: Simplify, Add, and Solve with Confidence

Original tasks 1, 2 / independent work

Task 1

Simplify (x^2 - 9)/(x^2 - x - 6).

Task 2

Add 2/(x + 1) + 3/(x - 1).

Algebraic Fractions: Simplify, Add, and Solve with Confidence

Original tasks 3, 4 / independent work

Task 3

Solve 3/(x + 2) = 1/2.

Task 4

Solve 1/(x - 1) + 1/(x + 1) = 2/(x^2 - 1).