

Manipulating Rational Functions Practice

Example 1. $\frac{1}{x+2} + \frac{1}{x-1}$

Example 2. $\frac{x^{-1} + y^{-1}}{x^{-2} + y}$

Example 3. $\frac{x+y}{x^{-1} + y^{-1}}$

Example 4. $\frac{\sqrt{x-3} + 2(x-3)^{-1}}{\sqrt{(x-3)^3} + 1}$