

Inverses of Rational Functions

Determine the inverse of each of the following functions:

1. $f(x) = \frac{5}{x-4}$

2. $g(x) = \frac{x-7}{2x}$

3. $h(x) = \frac{3x+1}{x-1}$

4. $k(x) = \frac{x+4}{2x-3}$