

7.4

FRACTIONAL EQUATIONS (CONT.)

Solve

- 1) The sum of a number and its reciprocal is $\frac{25}{12}$. Find the number.

Solve

- 2) The sum of the reciprocals of two consecutive odd integers is $\frac{8}{15}$. Find the integers

Solve

- 3) The numerator of a fraction is 1 more than the denominator. If the numerator and denominator are both increased by 2, the new fraction will be $\frac{1}{4}$ less than the original fraction. Find the original fraction.

Solve

- 4) The sum of two numbers is 10 and the sum of their reciprocals is $\frac{5}{12}$. Find the numbers.