

Trig-Pre-Calc
Rational Equations SLOT
Final Exam Study Guide

Solve the equation.

$$1) \frac{7x}{x-7} - \frac{4}{x} = \frac{28}{x^2 - 7x}$$

$$2) \frac{10}{x-2} = 1 + \frac{12}{x+2}$$

$$3) \frac{5-x}{x} + \frac{3}{4} = \frac{7}{x}$$

$$4) \frac{4}{x-5} + \frac{9}{x-8} = \frac{7}{x^2 - 13x + 40}$$

$$5) \frac{2x}{x+2} + \frac{5}{x-5} = \frac{8}{x^2 - 3x - 10}$$