

$$\frac{1}{x} \leq \frac{3}{x+2} \quad .103$$

$$\frac{2}{x-1} > x \quad .102$$

$$\frac{x+2}{x^2} + 3 \leq \frac{8}{x} \quad .105$$

$$\frac{3}{x-2} > \frac{1}{x-6} \quad .104$$

$$\frac{1}{x-4} + \frac{5}{x} \leq 2 \quad .107$$

$$\frac{3}{(x-2)(x-4)} \leq \frac{1}{x-4} \quad .106$$

$$\frac{x}{x-3} - \frac{3}{6-2x} > 1 \quad .109$$

$$\frac{x-1}{2x+6} > \frac{x+2}{5x+15} \quad .108$$

$$\frac{x-2}{2x-8} + \frac{x}{3x-12} \geq 2 \quad .111$$

$$\frac{3}{x^2+4x} \geq \frac{1}{x+4} \quad .110$$

$$\frac{1}{x-2} + \frac{5}{x+2} < \frac{10}{x^2-4} \quad .113$$

$$\frac{7}{x^2-9} > \frac{1}{x+3} \quad .112$$

$$\frac{x-6}{3(4-x^2)} + \frac{2}{2-x} \leq 1 \quad .115$$

$$\frac{1}{x-3} + \frac{7}{x+3} < 1 + \frac{7}{x^2-9} \quad .114$$

$$\frac{1}{x-5} - \frac{5}{3x+15} < \frac{8}{x^2-25} \quad .117$$

$$\frac{2x+1}{2x-5} - \frac{3x}{4x^2-25} > \frac{3x+3}{2x+5} \quad .116$$

$$\frac{5}{x^2-4x} < \frac{18}{x^2-16} - \frac{9}{x+4} \quad .119$$

$$\frac{x}{6x-15} - \frac{3x+13}{8x^2-50} \geq 1 - \frac{x+19}{4x+10} \quad .118$$

$$\frac{8}{x-3} - \frac{7}{x+2} > \frac{42}{x^2-x-6} \quad .121$$

$$\frac{2}{(x-3)^2} + \frac{5}{x-3} \leq 3 \quad .120$$

$$\frac{30}{x^2-3x-4} + \frac{x+2}{4-x} \leq \frac{16}{x+1} \quad .123$$

$$\frac{5}{x+3} + \frac{8}{x+6} > \frac{80}{x^2+9x+18} \quad .122$$

$$\frac{3x+10}{x^2+4x+4} + \frac{1}{x+2} > 0 \quad .125$$

$$\frac{1}{2x+4} + \frac{2}{3x-12} > \frac{5}{2x^2-4x-16} \quad .124$$

$$\frac{4}{(x-5)^2} + \frac{x}{3x-15} > 6 \quad .126$$

$$.1 < x < 2 \text{ ו} x < -1 \quad .102$$

$$\frac{1}{3} \leq x \leq 2 \quad .105 \quad .2 < x < 6 \text{ ו} x > 8 \quad .104 \quad x \geq 1 \text{ ו} -2 < x < 0 \quad .103$$

$$\text{ו} x > 3 \quad .108 \quad x \geq 5 \text{ ו} 2 \leq x < 4 \text{ ו} x < 0 \quad .107 \quad x \geq 5 \text{ ו} 2 < x < 4 \quad .106$$

$$\text{ו} x < -3 \quad .112 \quad .4 < x \leq 6 \quad .111 \quad x < -4 \text{ ו} 0 < x \leq 3 \quad .110 \quad x > 3 \quad .109 \quad x < -3$$

$$.x \neq 4, x > 3 \text{ ו} x < -3 \quad .114 \quad .2 < x < 3 \text{ ו} x < -2 \quad .113 \quad .3 < x < 10$$

$$. -2\frac{1}{2} < x < -1 \text{ ו} 2\frac{1}{2} < x < 10 \quad .116 \quad x \leq -3 \text{ ו} -2 < x \leq \frac{2}{3} \text{ ו} x > 2 \quad .115$$

$$\text{ו} 4 < x < 5 \quad .119 \quad .3 \leq x \leq 4\frac{1}{7} \text{ ו} -2.5 < x < 2.5 \quad .118 \quad .-5 < x < 5 \text{ ו} x > 8 \quad .117$$

$$. -2 < x < 3 \text{ ו} x > 5 \quad .121 \quad x \geq 5 \text{ ו} x \leq 2\frac{2}{3} \quad .120 \quad x < -4 \text{ ו} 0 < x < \frac{4}{9}$$

$$\text{ו} x > 4 \quad .124 \quad .x \neq 4, x > -1 \text{ ו} x \leq -23 \quad .123 \quad .-6 < x < -3 \text{ ו} x > 2 \quad .122$$

$$.x \neq 5, 4\frac{5}{17} < x < 6 \quad .126 \quad .x \neq -2, x > -3 \quad .125 \quad .-2 < x < 2\frac{5}{7}$$