

$$\frac{3}{x+7} + \frac{4}{x-8}$$

$$\frac{5}{n+5} - \frac{4n}{n+6}$$

$$\frac{(2x+3) \frac{2x}{5x+4} + \frac{6x}{2x+3} (5x+4)}{(2x+3)(5x+4)}$$

$$\frac{3x(x+4)}{8(3x+12)} \cdot \frac{3}{x(x+4)}$$

$$(2) \frac{2}{3x^2+12x} + \frac{8(3x+12)}{2x} \cdot \frac{2 \cdot 3 \cdot x \cdot (x+4)}{(3x+12)}$$

$$\frac{4x^2+6x}{(5x+4)(2x+3)} + \frac{30x^2+24x}{(5x+4)(2x+3)}$$

$$\frac{34x^2+30x}{(5x+4)(2x+3)}$$

$$\frac{4}{6x(x+4)} + \frac{24x+96}{6x(x+4)}$$

$$\frac{24x+100}{6x(x+4)}$$

$$\frac{(n-7) \frac{7n}{n+1} + \frac{8}{(n-7)(n+1)} (n+1)}{(n-7)(n+1)}$$

$$(x+3) \left( \frac{x+2}{x-7} - \frac{x^2+4x+13}{x^2-4x-21} \right)$$

$$\frac{1}{2} + \frac{3}{4}$$

$$\frac{7n^2-49n}{(n+1)(n-7)} + \frac{8n+8}{(n+1)(n-7)}$$

$$\frac{x^2+5x+6}{(x-7)(x+3)} - \frac{x^2+4x+13}{(x-7)(x+3)}$$

$$\frac{7n^2-41n+8}{(n+1)(n-7)}$$

$$\frac{x-1}{(x-7)(x+3)} = \frac{1}{x+3}$$

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

$$(x+3) \left( \frac{3x-1}{x^2+2x-3} - \frac{(x-4)(x-1)}{x^2-9} \right)$$

$$\frac{(x^2-5x+6) \cdot 4x}{x^2+3x+2} - \frac{3}{x^2-5x+6} (x^2+3x+2)$$

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

$$\frac{3x^2-10x+3}{(x+3)(x-1)(x-3)} - \frac{x^2-5x+4}{(x+3)(x-1)(x-3)}$$

$$\frac{4x^3-20x^2+24x}{(x^2+3x+2)(x^2-5x+6)} - \frac{3x^2+9x+6}{(x^2+3x+2)(x^2-5x+6)}$$

$$\frac{(x-3)(3x-1)}{(x-3)(3x-1)}$$

$$\frac{2x^2-5x-1}{(x+3)(x-1)(x-3)}$$

$$\frac{4x^3-23x^2+15x-6}{(x^2+3x+2)(x^2-5x+6)}$$

$\frac{(x+2)(x+1)}{(x+1)(x+3)}$	$\frac{(x+3)(x-1)}{x^2+3x+2} + \frac{x+5}{x^2+4x+3}$	$\frac{4a^2}{a^2-9} - \frac{a-2}{3-a}$
$\frac{(x+2)(x+1)(x+3)}{(x+2)(x+1)(x+3)}$	$\frac{x^2+2x-3}{(x+2)(x+1)(x+3)} + \frac{x^2+7x+10}{(x+2)(x+1)(x+3)}$	
	$\frac{2x^2+9x+7}{(x+2)(x+1)(x+3)}$	
$\frac{x+1}{x-2}$	$\frac{1(x-2)}{x+1} - \frac{x(x+1)}{x-2} + \frac{x^2+2}{x^2-x-2}$	
$\frac{(x+1)(x-2)}{(x+1)(x-2)}$	$\frac{x-2}{(x+1)(x-2)} - \frac{x^2+x}{(x+1)(x-2)} + \frac{x^2+2}{(x+1)(x-2)}$	
	$0$	
$\frac{(x-3)(x-2)}{(x-3)(x+1)}$	$\frac{2 \frac{(x+3)(x+1)}{x^2+4x+3}}{x^2-5x+6} - \frac{4 \frac{(x+3)(x-2)}{x^2+x-6}}{x^2-2x-3} + \frac{2 \frac{(x-3)(x-2)}{x^2-5x+6}}{x^2+4x+3}$	
$\frac{(x-3)(x-2)(x+1)(x+3)}{(x-3)(x-2)(x+1)(x+3)}$	$\frac{2x^2+8x+6}{(x-3)(x-2)(x+1)(x+3)} - \frac{4x^2+4x-24}{(x-3)(x-2)(x+1)(x+3)} + \frac{2x^2-10x+12}{(x-3)(x-2)(x+1)(x+3)}$	
	$\frac{-6x+42}{(x-3)(x-2)(x+1)(x+3)}$	