


$$3) \frac{2x-5}{x-1} = \frac{x-1}{x+1}.$$

$$4) \frac{x^2-x+1}{x+2} = 2x+3.$$

$$5) \frac{7x^2-3x-34}{x-1} = 0.$$

$$6) \frac{6x^2-x+3}{21-4x^2+8x} \leq -1.$$

 Résoudre dans \mathbb{R} :

$$1) \frac{2x-1}{x+3} = \frac{4x-2}{x-4}.$$

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

$$3) \frac{x-5-3x^2}{4-2x-x^2} \geq 0.$$

$$4) \frac{6x^2+7x-3}{3x-x^2} \geq 1.$$

$$5) \frac{x^2-4x+2}{6x-2-4.5x^2} \geq 0.$$

$$6) \frac{1}{x-2} + \frac{1}{x+2} \geq \frac{6}{5}.$$

$$7) \frac{x+1}{2x-1} \geq \frac{3x-1}{x-2}.$$

$$8) \frac{x}{x-4} \geq \frac{1}{x+5}.$$

$$9) \frac{3+x}{2(x-1)} \geq \frac{3(x-8)}{x-5}.$$

$$10) \frac{x+15-6x^2}{4-x^2} \geq 0.$$