

Κλασματικές εξισώσεις 4

$$1. \quad 2 - \frac{5}{x-2} = \frac{2x-x^2}{4-x^2}$$

$$2. \quad \frac{x-10}{x^2-4} - \frac{x}{2-x} = \frac{2}{x+2}$$

$$3. \quad \frac{x+1}{x-3} - \frac{x}{3x-9} = \frac{1}{2} - \frac{1}{2x-6}$$

$$4. \quad \frac{x}{x+2} - \frac{5x-20}{x^2-4x} = -\frac{14}{x^2+2x}$$

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

$$6. \quad \frac{x}{x^2-9} + \frac{2}{3x-x^2} = \frac{2}{x^2+3x}$$