

№ α λύσεις τις εξισώσεις

1) α) $4x + 3 = 7$

ε) $-2x + 2 = -2x + 6$

β) $5x + 7 = -3$

σζ) $4x - 3 = -3 + x$

γ) $-7x - 2 = 40$

δ) $2x - 4 = 3w - 4$

2) α) $2(x + 4) = 15$

δ) $10x + 4(-3x + 1) - 1 = 2x - (4x + 1)$

β) $-5(-2x + 1) = -45$

ε) $16(x + 1) - 2(3 - x) = -3(x + 6)$

γ) $2(3x + 2) = 4 - x$

σζ) $-2(2x - 1) + 5 = 11 - 4(x + 1)$

3) α) $\frac{x+1}{2} = \frac{1}{5}$

ε) $\frac{x-6}{2} - \frac{4}{3} = \frac{x+1}{9} + 1$

β) $\frac{x}{2} = \frac{x+1}{3}$

σζ) $\frac{3x-8}{4} - \frac{1}{2} = \frac{7x+8}{10} - \frac{x}{2}$

γ) $\frac{2x-4}{2} = 5x$

ς) $\frac{6x-1}{2} + \frac{2x+3}{10} = \frac{16x+1}{5}$

δ) $\frac{3x+1}{2} - x = \frac{6x-4}{7}$

η) $\frac{x+5}{2} + 2 = \frac{2(x+7)+1}{10} - 9$