

- i. $3(x - 2) + 4 = 3x - 2 \Rightarrow 3x - 6 + 4 = 3x - 2 \Rightarrow 3x - 3x = 6 - 4 - 2 \Rightarrow 0x = 0$ αόριστη.
- ii. $4x - (5 + x) = 2(x - 3) + x \Rightarrow 4x - 5 - x = 2x - 6 + x \Rightarrow 4x - x - 2x - x = 5 - 6 \Rightarrow 0x = -1$ αδύνατη.
- iii. $2(4 - x) + 3(3 + 2x) = 4x - 1 \Rightarrow 8 - 2x + 9 + 6x = 4x - 1 \Rightarrow -2x + 6x - 4x = -8 - 9 - 1 \Rightarrow 0x = -18$ αδύνατη.
- iv. $3(1 - 3x) - (2 - x) = 4(1 - 2x) + 3 \Rightarrow 3 - 9x - 2 + x = 4 - 8x + 3 \Rightarrow -9x + x + 8x = -3 + 2 + 4 + 3 \Rightarrow 0x = 6$ αδύνατη.