

Gleichungen

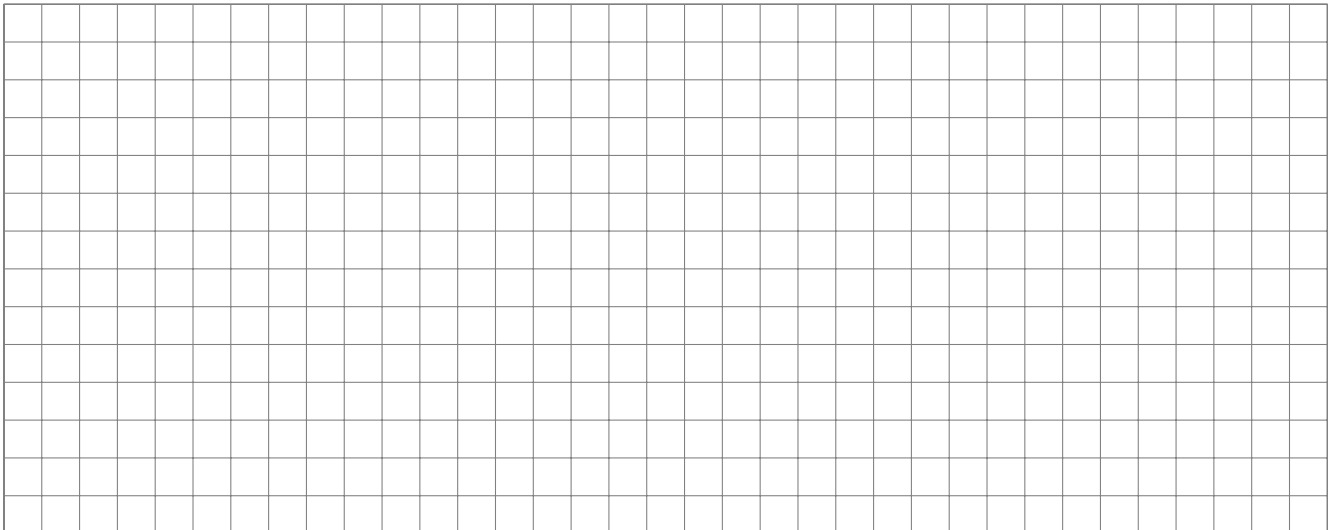
Aufgabe 1

a) $11x - 9 = 47 - 3x$ b) $12x - 8 = 8x + 48$ c) $6x - 3 - [(2x + 3) - 1] = 7$



Aufgabe 2

a) $8(x - 3) = 2(9 - x) - 24$ b) $4(7 - x) + 8 = 3(x + 18) - 7(x - 2) - (2x + 1)$



Lösungen

Aufgabe 1

a) $11x - 9 = 47 - 3x \rightarrow x = 4$ b) $12x - 8 = 8x + 48 \rightarrow x = 10$ c) $6x - 3 - [(2x + 3) - 1] = 7 \rightarrow x = 2$

Aufgabe 2

a) $8(x - 3) = 2(9 - x) - 24 \rightarrow x = 3$ b) $4(7 - x) + 8 = 3(x + 18) - 7(x - 2) - (2x + 1) \rightarrow x = 14$