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yhteenlasku- menetelmä

$$\begin{cases} 2x + y = 6 \\ 3x + 2y = -9 \end{cases} \quad \parallel \cdot (-2)$$

$$-4x - 2y = -12$$

$$3x + 2y = -9$$

$$\hline -x = -21 \quad \parallel \cdot (-1)$$

$$\underline{x = 21}$$

sij

$$2x + y = 6$$

$$2 \cdot 21 + y = 6$$

$$42 + y = 6 \quad \parallel -42$$

$$\underline{y = -36}$$

$$x = 21$$

$$y = -36$$

sijoitusmenetelmä

$$2x + y = 6$$

$$3x + 2y = -9$$

$$\begin{aligned} 2x + y &= 6 \\ y &= -2x + 6 \end{aligned}$$

$$3x + 2y = -9$$

$$3x + 2(-2x + 6) = -9$$

$$3x - 4x + 12 = -9$$

$$-x + 12 = -9 \quad \parallel -12$$

$$-x = -21 \quad \parallel \cdot (-1)$$

$$\underline{x = 21}$$

loppu sama kuin
vasemmalla!