$$\left(\begin{array}{ccc|c} 1 & 1 & 1 & -3{,}875 \\ 8 & 4 & 2 & -5{,}5 \\ 12 & 4 & 1 & 0 \end{array}\right) \cdot 2$$

$$\left(\begin{array}{ccc|c} 1 & 1 & 1 & -3{,}875 \\ 8 & 4 & 2 & -5{,}5 \\ 24 & 8 & 2 & 0 \end{array}\right) \; -$$

$$\left(\begin{array}{ccc|c} 1 & 1 & 1 & -3{,}875 \\ 8 & 4 & 2 & -5{,}5 \\ 16 & 4 & 0 & 5{,}5 \end{array}\right) \cdot 2$$

$$\left(\begin{array}{ccc|c} 2 & 2 & 2 & -7{,}75 \\ 8 & 4 & 2 & -5{,}5 \\ 16 & 4 & 0 & 5{,}5 \end{array}\right) \; -$$

$$\left(\begin{array}{ccc|c} 2 & 2 & 2 & -7{,}75 \\ 6 & 2 & 0 & 2{,}25 \\ 16 & 4 & 0 & 5{,}5 \end{array}\right) \cdot 2$$

$$\left(\begin{array}{ccc|c} 2 & 2 & 2 & -7{,}75 \\ 12 & 4 & 0 & 4{,}5 \\ 16 & 4 & 0 & 5{,}5 \end{array}\right) \; -$$

$$\left(\begin{array}{ccc|c} 2 & 2 & 2 & -7{,}75 \\ 12 & 4 & 0 & 4{,}5 \\ 4 & 0 & 0 & 1 \end{array}\right)$$

$4a = 1$

$a = +0{,}25$

$12 \cdot 0{,}25 + 4b = 4{,}5$

$3 + 4b = 4{,}5 \mid -3$

$4b = 1{,}5$

$b = 0{,}375$

$0{,}25 + 0{,}375 + c = -3{,}875$

$c = -4{,}5$

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gcg: $f(0) = 2 \quad f(1) = -1{,}875 \quad f(2) = -3{,}5 \quad f'(2) = 0$