
Exercise 1 Find all solutions (if any) to the system.

$$\begin{array}{rcrcrcrcl} 3x & - & y & = & 2 \\ -6x & + & 2y & = & -4 \end{array}$$

$(\dots, t)$

Enter your answers using fractions.

Source

[Nicholson] W. Keith Nicholson, *Linear Algebra with Applications*, Lyryx 2021, Open Edition, Problem 1.2.4 (d).