Homework

1. Solve the system of linear equations by substitution method:

1. $\begin{cases} 3x+1=8y, \\ 11y-3x=-11. \end{cases}$

2. $\begin{cases} 2x+11y=15, \\ 10x-11y=9. \end{cases}$

2. Solve the system of linear equations by the addition method:

1. $\begin{cases} 40x+3y=10, \\ 20x-7y=5. \end{cases}$

2. $\begin{cases} 7x+2y=1, \\ 17x+6y=-9. \end{cases}$

3. Solve the systems of equations

1. $\begin{cases} 16x-27y=20 \\ 5x+18y=41,5 \end{cases}$

2. $\begin{cases} \dfrac{2,5x-2y}{2}=2x+3 \\ \dfrac{3x-2y}{3}+4=3x \end{cases}$

3. $\begin{cases} 3x+2y+2z=13, \\ 2x+3y+2z=14, \\ 2x+2y+3z=15. \end{cases}$

4. $\begin{cases} x+2y+3z=3, \\ 3x+y+2z=7, \\ 2x+3y+z=2. \end{cases}$