Assignment:

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Use substitution to solve each system of equations.

15. $\begin{cases} -4y = x \\ 2x + 6y = -3 \end{cases}$

16. $\begin{cases} 12x + y = 21 \\ 18x - 3y = -36 \end{cases}$

17. $\begin{cases} y = 4x \\ 32x + 21y = 29 \end{cases}$

18. $\begin{cases} y + 1 = x \\ -2x + 3y = 2 \end{cases}$

Use elimination to solve each system of equations.

19. $\begin{cases} 4x - 9y = 26 \\ 4x - 5y = 2 \end{cases}$

20. $\begin{cases} 6x - 3y = -6 \\ -5x + 7y = 41 \end{cases}$

21. $\begin{cases} 12x - 3y = -15 \\ 8x + 8y = -58 \end{cases}$

22. $\begin{cases} 3x + y = 7 \\ -3x + 2y = 11 \end{cases}$