

Assignment:

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Just graph and find the intersection.

Use a graph and a table to solve each system. Check your answer.

19.
$$\begin{cases} 2 + y = x \\ x + y = 4 \end{cases}$$

20.
$$\begin{cases} 4y - 2x = 4 \\ 10x - 5y = 10 \end{cases}$$

21.
$$\begin{cases} 12x + 4y = -4 \\ 2x - y = 6 \end{cases}$$

22.
$$\begin{cases} y = 10 - x \\ 3x - 3y = 0 \end{cases}$$

Classify each system and determine the number of solutions.

23.
$$\begin{cases} 24x - 27y = 42 \\ -9y + 8x = 14 \end{cases}$$

24.
$$\begin{cases} \frac{3}{2}x + 9 = y \\ 4y - 6x = 36 \end{cases}$$

25.
$$\begin{cases} 7y + 42x = 56 \\ 25x - 5y = 100 \end{cases}$$

26.
$$\begin{cases} 3y = 2x \\ -4x + 6y = 3 \end{cases}$$