To solve a system by graphing:

1. Get both equations into slope-intercept form \((y = mx + b)\)
2. Graph both equations
3. The solution is found where the lines intersect
4. Plug back into BOTH equations to check answer

\[ y = -\frac{3}{4}x + 4 \]
\[ y = \frac{1}{2}x - 1 \]