

Download Graphing Solutions Of Equations

Graph the following system of equations and identify the solution. $2x - y = 8$. $6x - 3y = 24$. There are two ways to graph a standard form equation: Rewrite the equation in slope intercept form. Find the x and y intercepts.

When you are graphing a system of equations that are written in standard form, you can use either method. To find solutions to an equation, as we have noted it is often easiest to first solve explicitly for y in terms of x.

Example 2 . Graph $x + 2y = 4$. Solution We first solve for y in terms of x to get. We now select any two values of x to find the associated values of y. We will use 2 and 0 for x. Thus, two solutions of the equation are (2, 1) and (0, 2).

After you enter the expression, Algebra Calculator will graph the equation $y=2x+1$. More Examples Here are more examples of how to graph equations in Algebra Calculator. The solution of such a system is the ordered pair that is a solution to both equations. To solve a system of linear equations graphically we graph both equations in the same coordinate system. The solution to the system will be in the point where the two lines intersect.