Hi, my name is Dave. I am taking an intermediate algebra course, and we are studying systems of linear and nonlinear equations. I don't understand how to solve these problems using elimination.

Here is an example from my homework assignment.

\[ y = x^2 - 4 \]
\[ y = x - 2 \]

Hi Dave. Welcome to SMARTHINKING. Brian here.

Hi Brian. I can figure out that -1, -3, and 2 are the solutions.