Section 3.1 When Lines Collide: Solving Systems by Graphing
Ticket in the Door

In order to be prepared for class you must watch the module and complete the following activity. This is due first thing when you get to class.

What are the objectives this module?

Check your understanding:

1. Solve this system of equations by sketching the graphs and estimating the solution.
   \[3x + 2y = 7\]
   \[4x - 4y = -4\]

2 Estimate the solution of the system pictured.

3. Determine whether \((-5, -3)\) is a solution to the following system.
   \[y = 7 + 2x\]
   \[y = -23 - 4x\]