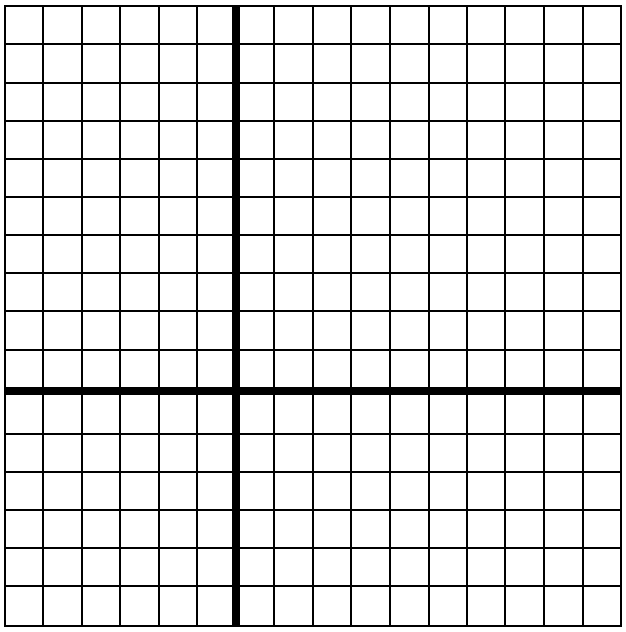
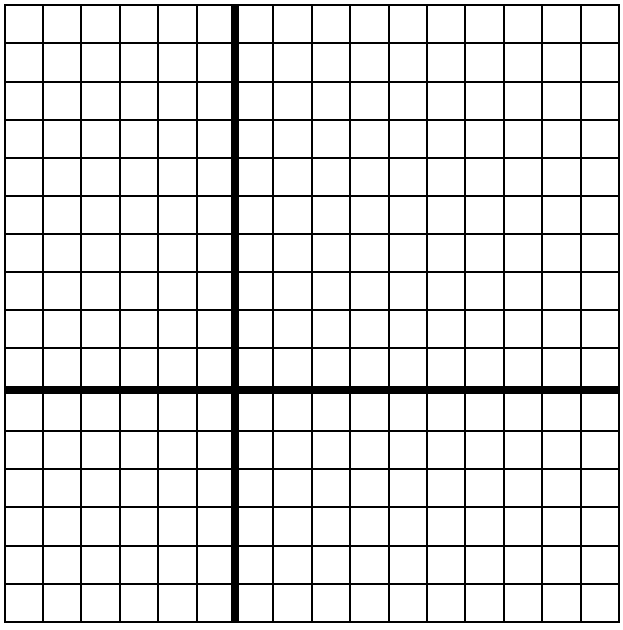
Systems of Linear Equations (Continued)

Try to solve each linear system first by graphing each equation on the same pair of axes, and then by the substitution method introduced last week on Monday.



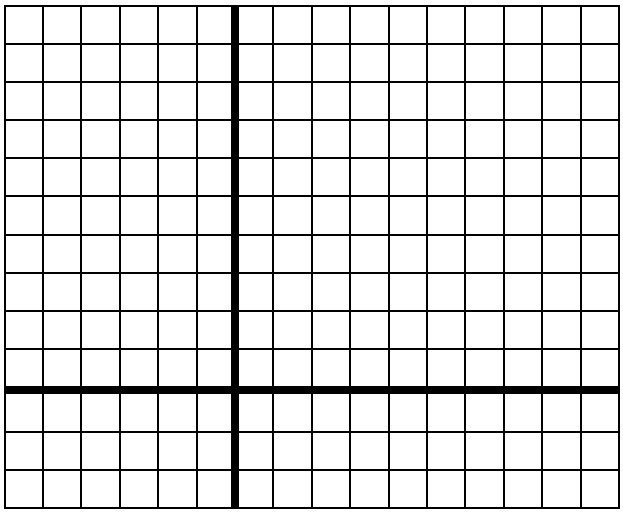
1. $-2x + y = 1$

$3x - 2y = -4$



2. $x + 2y = 8$

$2x + 4y = 8$



3. $-x + y = -5$
$-2x + 2y = -10$

Show how to solve each of the following linear system by the substitution method. Check your solutions using your calculator.

1. **3x + 5y = 11**
x – y = 1

2. **-4x + 2y = 8**
y = 2x + 2