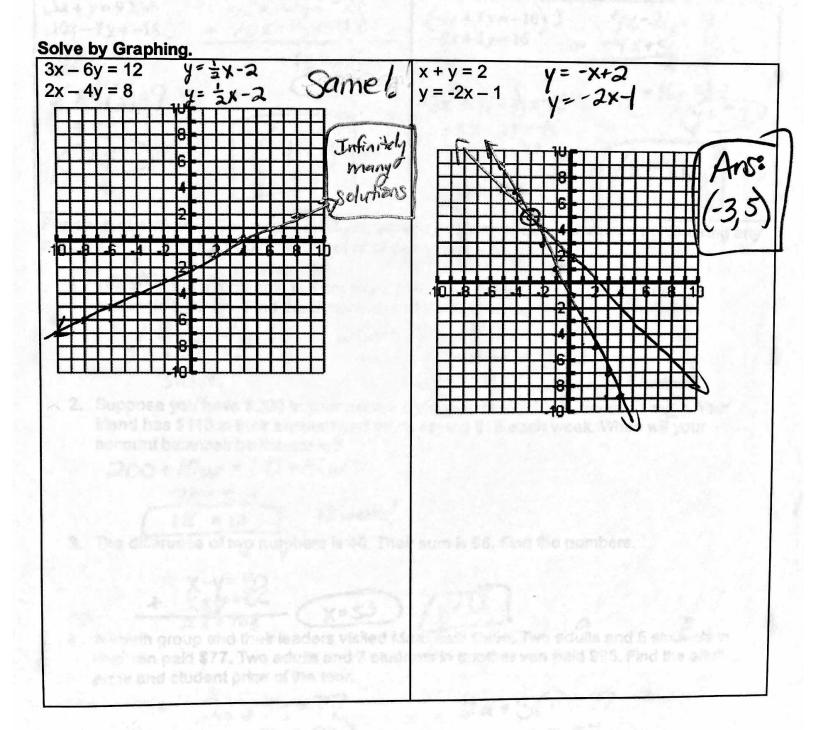
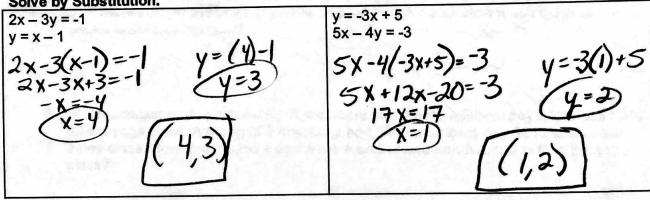
Systems of Equations with Context Inequalities

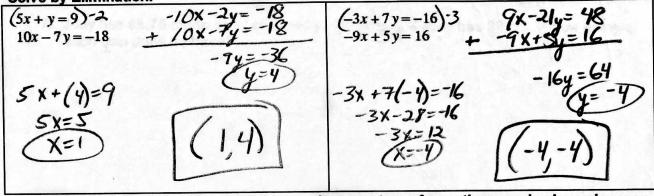
1-2







Solve by Elimination.



For each question, define your variables, write a system of equations, and solve using any method. Please use a separate sheet of paper to show all work.

1. The length of a rectangle is 3 cm more than twice the width. The perimeter of the rectangle is 42 cm. Find the dimensions of the rectangle.

friend has \$110 in their account and starts saving \$15 each week. When will your account balances be the same?

3. The difference of two numbers is 40. Their sum is 66. Find the numbers.

4. A youth group and their leaders visited Mammoth Cave. Two adults and 5 students in one van paid \$77. Two adults and 7 students in another van paid \$95. Find the adult price and student price of the tour.

