**Use substitution to solve the system.**

1. 2. 3.

 4. 5. 6.

7. 8. 9.

10. 11. 12.

13. A rancher has 2420 feet of fence to enclose a rectangular region that lies along a straight river. If no fence is used along the river, is it possible to enclose 10 acres of land? Recall that 1 acre = 43,560 ft2.

14. Solve the system of equations (a) graphically and (b) using substitution. Compare your answers.

(a) (b)

