Algebra 1 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solving Systems by Substitution Date \_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_\_\_

Worksheet 1

Solve each system of linear equations by using substitution. Check your solutions by plugging them in or by graphing the system.

1) y = x + 1 2) x – y = 1 3) y = x + 3

 y = 2x – 1 x = ½ y + 2 x = y

4) y = 4x – 8 5) f(x) = -3x – 6 6) m = 5p + 8

 y = 2x + 10 f(x) = x – 4 -5p + m = 8

7) h = 6g – 4 8) 6x – y = 8 9) x = 4y + 11

 h = -2g + 28 y = 2x -6y + 8x = 36