Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Homework: Wednesday, March 20, 2013**

**Directions:** Solve for the solution when f(x) = g(x).

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| 1) What is the solution to f(x) = g(x)? f(x) = 8 g(x) = $\frac{x}{4.5}$ |
| 2) What is the solution to f(x) = g(x)? f(x) = 0.9 g(x) = $\frac{7x-4}{10}$ |
| 3) What is the solution to f(x) = g(x)? f(x) = 35 g(x) = $\frac{x}{6}$ – 12.5 |
| 4) What is the solution to f(x) = g(x)? f(x) = 7x - 44.4 g(x) = 8.7x +12 |
| 5) What is the solution to f(x) = g(x)? f(x) = 2x + 5.5 g(x) = 12.9x +37 |
| 6) What is the solution to f(x) = g(x)? f(x) = 11x + 2 g(x) = 15x + 20 |
| 7) What is the solution to f(x) = g(x)? f(x) = 4(5.2x – 0.7) g(x) = $\frac{x}{8}$ – 21  |
| 8) What is the solution to f(x) = g(x)? f(x) = 14x + 51 g(x) = 5(2.1x – 0.5) |
| 9) What is the solution to f(x) = g(x)? f(x) = $\frac{x}{4}$ + 10.4 g(x) = 5(9.6x – 8.9) |
| 10) What is the solution to f(x) = g(x)? f(x) = 4.8 + 5.5x g(x) = 0.35x – 2.4 |