**Practice – Solving Equations with Fractions, Decimals, and Algebraic Proportions**

**Directions: Solve each equation. Check your solution.**

1.  2. 

3. 13.7b – 6.5 = -2.3b + 8.3 4. 

5.  6. 28 – 2.2y = 11.6y + 262.6

7.  8. 

9.  10. 4(2a – 8) = (49a + 70)

11. $\frac{3}{5}k- \frac{1}{10}k=\frac{1}{2}k+1$ 12. 0 = 0.98b + 0.02b – b