LT 1: SWBAT explain the necessary steps needed in order to solve a linear equation.

LT 2: SWBAT solve one or two step equations.

LT 3: SWBAT model real world scenarios using one or two step equations.

LT 4: SWBAT solve real world scenarios using one or two step equations.

LT 5: SWBAT solve multi-step equations by combining like terms and distribution.

LT 6: SWBAT solve literal equations representing real world quantities.

LT 7: SWBAT solve equations with variables on both sides.

Algebra OPFI Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Unit 2: Solving Equation**

**Final Exam Review Day 2**

*Success Criteria*

**Class Examples:**

1. Given 2x + 4 = 20, find x – 5. 2. d = rt; solve for t 3. $\frac{4}{3}w=8$

4. 4(x – 1) + 5 = 13 5. 6x + x + 7 = 84 6. 5(2x – 1) + 2x = x + 6

**Practice:**

1. $\frac{5}{6}x=10$ 2. $\frac{1}{3}x=4$ 3. 6y + 3 + 5y = 36

4. 9x + x + 8 = 38 5. 2(x – 7) = 30 6. 2(x + 6) – 4 = –10

7. 2(4x – 1) + 1 = 15 8. 8n + 1 = 4n + 29

9. 3y – 1 + 5y = –1 + 8y 10. 3(x + 4) + x = 12(x – 1)

11. 7(x + 17) – 6 = 36 12. 3(4x + 1) – 3x = 84

13. 3(2x + 4) + 4x = 72 14. 4(x – 5) + 8 = 52