Fresh Math

Unit 2 - Linear Equations

1. $6(x + 6) + 15 = 123$

2. $3(x + 4) + 11 = 17$

3. $6(x + 10) + 12 = 12$

4. $4(x + 3) + 13 = 45$

5. $5(x - 1) - 14 = 6$

6. $5(x - 5) - 2 = -12$

7. $5(x + 0) + 0 = -15$

8. $5(x - 7) + 2 = 2$

9. $7(x - 6) + 15 = -90$

10. $8(x + 2) - 14 = 114$

Unit 2 – Linear Equations

11. $6(x + 0) + 14 = 98$

12. $6(x - 5) - 4 = 14$

13. $8(x - 10) - 10 = -2$

14. $2(x + 6) - 1 = 31$

15. $4(x - 7) + 15 = -13$

16. $5(x - 6) - 12 = -82$

Unit 2 - Linear Equations - Answer Key

1. $6(x + 6) + 15 = 123$
   x = 12

2. $3(x + 4) + 11 = 17$
   x = -2

3. $6(x + 10) + 12 = 12$
   x = -10

4. $4(x + 3) + 13 = 45$
   x = 5

5. $5(x - 1) - 14 = 6$
   x = 5

6. $5(x - 5) - 2 = -12$
   x = 3

7. $5(x + 0) + 0 = -15$
   x = -3

8. $5(x - 7) + 2 = 2$
   x = 7

9. $7(x - 6) + 15 = -90$
   x = -9

10. $8(x + 2) - 14 = 114$
    x = 14

Unit 2 - Linear Equations - Answer Key

11. $6(x + 0) + 14 = 98$

    x = 14

12. $6(x - 5) - 4 = 14$

    x = 8

13. $8(x - 10) - 10 = -2$

    x = 11

14. $2(x + 6) - 1 = 31$

    x = 10

15. $4(x - 7) + 15 = -13$

    $4(x - 7) = -28$

16. $5(x - 6) - 12 = -82$

    x = -8