***Math 8 Algebra***

***Solve for X – Apprentice***

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

Make sure that you show your work!

1. 4x + 2 = 2x + 10
2. 4y – 3 = y + 6
3. 8x -3= 3x + 17
4. 5y – 10= 7y + 6
5. 6x +1 = 3x + 19
6. 2y + 10 = 3y + 2
7. 11x – 20 = x + 30
8. (-2x) + 8 = 4x + 4
9. (-3y) – 3 = 4y +4
10. (-4x) – 5 =(-2x) - 11
11. (-6x) – 4 = 2x + 20
12. (-7x) – 2 = 3y + 28
13. (-8x) + 2 = 2x + 22
14. 4y – 10 =2y + 14
15. 3y – 2 = 5y + 18
16. 11x – 5 =2x + 4
17. 12x – 2 = (-2x) + 26
18. (-2x) + 12 =4x + 4
19. (-3x) – 10 =3x + (-4)
20. 5y + 15 =10y + 5
21. 8x – 14 = 4x +2
22. 12x + 12 = 2x + 12
23. 4m + 20 =2m + 4
24. (-3x) + 2 = (-2x) + 11