

## Tutoring HW 1

**Section 1:** Simplify each expression or solve for  $x$ :

1.  $2x + 4 = 100$

8.  $10x + 20x - 35x + 25 = 100$

2.  $3x - 6 = 102 - x$

9.  $32 + 32x = 16 + 16x$

3.  $10x + 2x = 16 + 20$

10.  $x(2 - 23) = 210$

4.  $5x + 10 = 2(x - 1) + 6$

11.  $67x + 2 = 7x + 62$

5.  $2(x - 1) = 3(x + 1)$

12.  $4x + 2(2 + 3) = 102$

6.  $18x + 33 = 52x - 69$

13.  $x + 2 = 2x - 2$

7.  $10 + 3x = 278 - x$

14.  $52x - 20 + 8x - 10x = 5x + 25$