Name:

Algebra

Section 1.1

**Simplify each expression**

1. 9 + (18 – 2) 2. (13 – 6) – 7

3. 6 + (12 ÷ 3) 4. 5 – (16 ÷ 4)

5. (12 \* 11) – (2 \* 11) 6. (40 ÷ 10) ÷ (1 \* 4)

**Evaluate each expression if t = 6, x = 3, y = 4, and z = 5**

7. 5y – 3 8. 5(y – 3)

9. 7z + 8 10. 7(z + 8)

11. zt – y 12. z(t – y)

13. 9xyz – t 14. 9x(zy – t)

15. 6y – 2xy 16. (y \* y + z) \* z

17. 4y – 2t 18. 2(y + x)

y + 2t 2y + x