Name:

Algebra

Review (1.1 – 1.4)

**Simplify each expression**

1. (42 ÷ 7) ÷ (1 \* 3) 2. 6 \* 3 + 2 \* 7

 2(9 – 5)

3. 7 \* 4 – 2 \* 5

 3(5 – 3)

**Evaluate each expression if x = 3, y = 5, and z = 0**

4. (7z) + (4y) 5. (y + z)

 (y + z)

**Add**

6. -7 + (-5) + (-6) 7. -15 + 10 + (-3) + (-2)

**Simplify**

8. -8 decreased by -14 9. 10 less than -6

10. 125 – (160 – 35)

**Multiply**

11. 5(-2)(-8)(-5) 12. (-7)(3)(-1)(2)

13. (-4e)(7f)

**Simplify**

14. 12 ÷ (-1/4) 15. -36x / -6

**For each expression write an equivalent expression without parenthesis**

16. 3(6n + 2) 17. 8(5n – 3)

18. (3x + 4)5 19. (3x + 4y)8

20. 2(4x – y)