

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

Date: \_\_\_\_\_

## Algebra I

Directions: Multiply.

1.  $(6n)(8n) =$

2.  $(3n^2)(4n^2) =$

3.  $(2n^3)(3n^2) =$

4.  $(4n)(5x) =$

5.  $(2n^7)(-8n^2) =$

6.  $(5n^2)(6n^4)(-n^3) =$

7.  $(3n)^2 \cdot (4n)^2 =$

8.  $(5n^2)^2 \cdot (2n^3)^2 =$

9.  $(12n)(3) =$

10.  $(3n^5)(9x) =$

11.  $(4n^2)(-n^2)(-3n^2) =$

12.  $(15n^3)(2n^2) =$

Directions: Multiply using the distributive property. Be sure to write answers in descending order.

13.  $4(n^2 + n) =$

14.  $4n(n^2 + n) =$

15.  $3n^2(n^3 + 4n^2 + 1) =$

16.  $5n^4(3 + 2n - 6n^2) =$

17.  $12n^2x^2(3x + 4n) =$

18.  $8nx(nx - nx) =$

19.  $-2(x^2 - x + 4) =$

20.  $3x(x^3 - 2x^2 + 5 - x) =$

21.  $(3x - 2y)(5x^2) =$

22.  $6x(3x + 2)$

23.  $8(-5x - 8)$

24.  $4x(-4x - 6)$