**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_**

**Unit 1C Test Form A**

**For problems 1-13, simplify the following expressions. Write the answers in standard form.**

1. 2.

3. 4.

5. 6.

7. 8.

9. 10.

11. 12.

13.

14. Identify the following, given the polynomial:

How many terms? \_\_\_\_\_\_\_\_\_\_\_\_ What is the constant? \_\_\_\_\_\_\_\_\_\_

What are the coefficients: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ What is the degree? \_\_\_\_\_\_\_\_\_

15 - 18. Classify the following polynomials.

By Degree By # of Terms

15. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

19. Create a polynomial that has 3 terms, with a degree of 4, and a leading

coefficient of 5. Write the polynomial in standard form.

20. Find the Perimeter of the shape below:

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A.

B.

C.

D.

21. Find the perimeter.

22 & 23. Find the area and perimeter of the following. Show your work.

22. Area = 23. Perimeter =

24 & 25. Find the area and perimeter of the Rectangle below. Show your work.

24. Area = 25. Perimeter =