Name _____ **Date**_____ **Period**_____

Unit 6 Assessment: Evaluate Expressions, Distributive Property, Combine Like Terms Show Work

I. **Evaluate the following expressions.**

1. $2x + 4$ Let $x = 8$ 1._____

2. $4(xy + 2)$ Let $x = 5$ and $y = 2$ 2._____

3, $7n + 2r - 9$ Let $n = 3$ and $r = -3$ 3._____

II. Identify the part of the expression below.

$34 + 3x - 5y$

4. How many terms are in the expression 4. _____

5. Name a coefficient 5. _____

6. Name a constant 6._____

7. Name a variable 7._____

III. Simplify the following expressions using the distributive property

8. $5(x + 3)$ 8._____

9. $(4x - 6)2$ 9._____

10. $3(2x - 3) + 10$ 10._____

11. $15 - 2(4x - 3)$ 11._____

LIVEWORKSHEETS

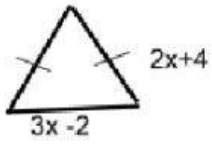
IV. Combine Like terms

12. $6x + 9n - n + 2x$ 12._____

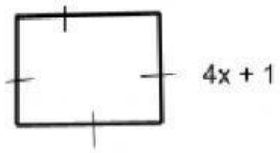
13. $7x + y + 4y + 7x - 4y$ 13._____

14. $3(2x + 1) + 4(3x)$ 14._____

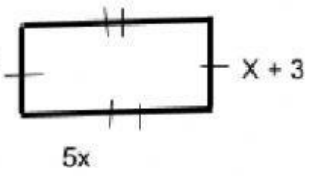
V. Find the Perimeter

15. 

15. _____

16. 

16. _____

17. 

17._____

18. If x = 3 ft in problem 17. What is the perimeter. 18._____

LIVEWORKSHEETS