

Name: _____ Period: _____ Score: _____

Assignment 1-2
Combining Like Terms, Distributing,
Multiplying Binomials

Sec 1

Unit 1

Simplify each expression by combining like terms.

1. $19g + 4 - 20g - 20$

5. $8s + 8 + 4s$

2. $7b + 8n - 4b - 8 + n$

6. $x + 4x + x + 4y$

3. $5y + 7x + 3 + 4x + 2$

7. $10b - 4b - b + 2 + b + 6$

4. $15a - 6a + 7b - 2b$

8. $3x - 2y - 4x + 4y - x + 7$

Find each product.

9. $7(8x - 7) + 3x$

13. $6(-7x + 8y)$

10. $-(5x + 8) + 12$

14. $7(3x - 5) - 4x$

11. $(3 + 5k)6$

15. $(4x + 12)(-9)$

12. $(x + y)(2) + x$

16. $-2(3x - 9y + 4)$

[Type text]

$$17. \frac{1}{4}(12v - 20)$$

$$18. -\frac{2}{3}(6a + 15)$$

Find each product and simplify as needed.

$$19. t(t + 3)$$

$$24. (b + 3)(b - 3)$$

$$20. 3x(x + 5)$$

$$25. (r - 4)(r + 4)$$

$$21. (b + 2)(b + 4)$$

$$26. (f - 3)(f + 6)$$

$$22. (d - 4)(d + 7)$$

$$27. (t + 5)^2$$

$$23. (r - 3)^2$$

$$28. (x + 7)(x - 8)$$