

Distributive Property

Name _____

Hr _____

1. $5(6x - 4)$

6. $3x(5x + 2)$

2. $(x + 6)10$

7. $6(3x - y + 5)$

3. $-2(2x - 5y)$

8. $7x(3x + 4y)$

4. $(x + 2)(-3)$

9. $3x(5x - 3y + z)$

5. $-(x - 17)$

10. $4x^2y(2x^2y + 3xy^2 + x^3)$

Adding Like Terms

Name _____

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1. $3x^2 + 9x^2$

6. $-3ab + -10a - 8a$

2. $c + c$

7. $-4x^2yz + -6 + -6x^2yz$

3. $3 + 9b - 18$

8. $6x^3 + 9x + 10x^3 + 4x^2$

4. $5x + 3x - 12x$

*9. $9x + 10(6x - 1)$

5. $2y^2 + y^2 + y^3$

*10. $5(-2x + 4) + 2(x + 3)$