

(EVEN'S ONLY)

Simplify and then classify your answer based on the degree and number of terms. Place your answers underneath each problem. MUST SHOW WORK ON A SEPARATE SHEET!

1. $a + (3a - 2b) - (4a - 3b)$

2. $4x - (6x - 2y) + (2x - 7y)$

3. $7a + [4a - 6b - (8a + 2b)]$

4. $3x + [2x + 3y - (4x - 7y)]$

5. $(2a - 5) + (3a - 1) - (4a + 2)$

6. $(3y - 2) - (6y + 4) + (8y + 2)$

7. $(3x + 2) - (4x - 7) + (3x + 1)$

8. $(7m + 3) + (6m + 1) - (4m + 7)$

9. $(x^2 - 3x) + (5x + 2) - (x^2 + 3)$

10. $(7a^2 - 5) - (4a - 3) + (2a + 1)$

11. $(2x^2 - 3x + 2) + (5x^2 - 3x + 7) - (13x^2 + 6x - 5)$

12. $(4a^2 + 2a^3 - 6) - (7a^3 - 8a^2 + 3a - 1) + (7a^2 - 9a + 3)$

13. $(21x^2 - 5xy + 13y^2) - (15y^2 - 7xy + 13x^2) + (12x^2 - 9xy + 13y^2)$

14. $(13a^2 + 12ab - 15b^2) + (11b^2 - 16ab + 13a^2) - (7a^2 + 12ab - 16b^2)$

15. $(14m^2n - 18m^2n^2 + 16n) - (12mn - 17m^2n^2 + 3n) + (11m - 13m^2n^2 + 2m^2)$

16. $(21c^2 + 14c^2d - 8) + (11cd^2 - 14) + (2c^2d - 15cd^2 - 19d^2)$