

Addition and Subtraction of Linear Algebraic Expressions

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|---|--|
| 1. $(2x^2 + 4x - 8) + (x^2 - 3)$ | 2. $(11x^2 + 2x + 16) - (2x^2 + x + 2)$ |
| 3. $(x^2 - 8x) + (3x^2 - 5)$ | 4. $(26x^2 + 11x - 4) - (13x^2 - 1)$ |
| 5. $(x^3 - 20x + 1) + (17x^3 + 2x^2 - x + 21)$ | 6. $(35x^2 + 30x - 14) - (x^2 + 10x + 28)$ |
| 7. $(10x^3 - 4x + 11) + (9x^3 + 3x^2 - 2x + 4)$ | 8. $(62x^2 - 32x + 45) - (24x^2 + 19x - 12)$ |



9. $(20x^4 - 3x^3 + 2x^2 + x - 5) + (14x^4 - 7x^3 + 12x^2 + 2x - 9)$

10. $(54x^4 - 33x^3 - 28x^2 + 7x - 6) - (44x^4 + 17x^3 + 2x^2 + x - 19)$

Answers

1. $3x^2 + 4x - 11$

2. $9x^2 + x + 14$

3. $4x^2 - 8x - 5$

4. $13x^2 + 11x - 3$

5. $18x^3 + 2x^2 - 21x + 22$

6. $34x^2 + 20x - 52$

7. $19x^3 + 3x^2 - 6x + 15$

8. $38x^2 - 51x + 57$

9. $34x^4 - 10x^3 + 14x^2 + 3x - 14$

10. $10x^4 - 50x^3 - 30x^2 + 6x + 13$