

Name _____ Date _____ Period _____

Activity: Add and Subtract Polynomials III

1. $(2x^5 - 5x^4 - 4x^2) + (2x^6 - 5x^3 + 3x^2 - 6) =$

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2. $(5x^6 - 9) + (2x^6 + 4x^4 + 7) =$

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3. $(5x^6 + 2x^4 - 2x + 3) + (8x^5 - 3x^3 - 4x) =$

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4. $(x^5 - 6x^3 - 3x - 6) - (6x^6 + 9x^3 + 7x^2 + 4) =$

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5. $(4x^6 + 3x^3 + 8x^2 - 3) + (9x^5 - 8x^4 - 5x^2) =$

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6. $(7x^5 - 8x^4 - 2x^2) + (9x^5 - 5x^4 - 6x^2) =$

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7. $(2x^5 - 9x^4 - 4x^2 + 6) - (4x^5 - 7x^3) =$

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8. $(5x^5 - 2x^3 - 4x^2 + 9) + (8x^5 - 8x^4 + 4x - 1) =$

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9. $(9x^5 - 7x^4 + 3x + 8) - (7x^6 - 2x^3 - 9x + 4) =$

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10. $(7x^6 - 4x^3 - 2x) - (x^6 + 6x^4 - 2x) =$

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11. $(9x^6 + 5x^4 - 4x + 7) - (5x^6 + 3x^3 - 4x^2 - 5) =$

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12. $(9x^6 + 7x^3 - 6x^2) - (4x^5 - 7x^4 + 9x - 3) =$

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13. $(8x^5 - 7) - (2x^5 - x^4 - 4) =$

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14. $(3x^5 - 3x^4 - 4x - 4) - (x^5 + x^3 - x^2) =$

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15. $(8x^5 + 2) + (3x^6 + 4x^4 - 9x^2 - 1) =$

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16. $(4x^6 + 7x^4 - 7x^2 - 9) + (7x^5 - 6x^4) =$

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17. $(2x^5 - 7x^4 - x^2 + 9) - (4x^6 + 2x^4 + 9x^2 + 1) =$

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18. $(2x^6 - 3) - (x^5 - 4x^4 + 3x) =$

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19. $(7x^5) + (4x^5 + 8x^4 + 2x^2 - 7) =$

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20. $(3x^5 + 4) + (6x^6 + x^3 + 6) =$