Antiderivatives

Name _____ Date _____

1. $\int (-4x + 5)\, dx =$ _____

2. $\int (-4x - 1)\, dx =$ _____

3. $\int (5x^2 - 6x + 3)\, dx =$ _____

4. $\int (2x^2 + 6x - 7)\, dx =$ _____

5. $\int (5x + 3)\, dx =$ _____

6. $\int (-x^3 - 3x^2 - 6x + 3)\, dx =$ _____

7. $\int (-2x^2 - 6x - 2)\, dx =$ _____

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8. $\int (-3x^2 - 6x + 9)\, dx =$ _____

9. $\int (-3x^3 - 5x^2 - 7x - 8)\, dx =$ _____

10. $\int (-6x^2 + 8x - 9)\, dx =$ _____

11. $\int (-6x^2 - 7x - 9)\, dx =$ _____

12. $\int (x + 8)\, dx =$ _____

13. $\int (5x^3 + 6x^2 + 9x - 8)\, dx =$ _____

14. $\int (2x^2 - 4x - 8)\, dx =$ _____

15. $\int (6x + 4)\, dx =$ _____