

- ③ ⑤ ⑥ ⑧ ⑩ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱

4. $\lim_{x \rightarrow -1} (4x^3 - 9x^2 + 9)$

$$4(-1)^3 - 9(-1)^2 + 9$$

$$-4 + 9 + 9$$

$$5000x^3 + 100x + 50,000$$

6. $3x^2 + 7x - 17 ; x = -9$

$$(10x) - 18x$$

$$f'(x) 6x + 7$$

7. $10x^{12} + 8x^6 - 2x^9 + 14x - 9$

$$120x^{11} + 48x^5 - 18x^8 + 14$$

9. $\frac{(x^3 - 8)^{-2}}{(3x - 8)^{-3}}$

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$$\int e^{ax} dx$$

$$\int e^{ax} \cdot 2 dx$$