4)
1)
$$\int x - 9x^3 - 5x + 9 dx$$

$$\int x^2 dx - \int x^3 dx - \int 5x dx \int 9 dx$$

$$\int 4 dx = x^8 / 8$$

$$\int 4 x^3 dx = x^9$$

$$\int 5x dx = 5x^2 / 3$$

$$\int 9 dx = 9x$$

$$x^8 / 8 - x^9 - 5x^2 / 3 - 9x + 6$$

