

1. $\int (-12x^2 + 9x - 8) dx = -4x^3 + \frac{9}{2}x^2 - 8x + C.$

2. $\int (10x^6 - 7x - 6) dx = \frac{10}{7}x^7 - \frac{7}{2}x^2 - 6x + C.$

3. $\int (-8e^x - 3) dx = -8e^x - 3x + C.$