1. Find $\int_{-1}^{1} \left(-6x^2 + 6x - 4\right) dx$.

2. Find $\int_{0}^{3} \left(3x^2 + 8\right) dx$.

3. Find $\int_{-3}^{0} \left(-15x^2 + 8x + 10\right) dx$.