$$C \int_{1}^{2} \int_{1}^{2} (12x^{3} - 9xy^{2}) dy dx = 99 \qquad \frac{12x^{3}}{12x^{3}} \int_{1}^{2} (12x^{3}) dy - \int_{1}^{2} (8xy^{2}) dy - 27x^{3}y \Big|_{1}^{2} - 8x \cdot y^{3} \Big|_{2}^{2} - 36x^{3} - 8x \cdot 3 - 36x^{3} - 24x \Big|_{1}^{2}$$

$$\int_{1}^{2} (36x^{3} - 24x dx - 7) \int_{1}^{2} (36x^{3} - 7) \int_{1}^{2} (4x dx - 7) \int_{1}^{2}$$