$$\int x^n dx = \frac{x^{n+1}}{n+1} + G \quad n \neq -1$$

$$\int_{6}^{6} x^{5} dx = 6 \cdot \int_{X^{5}}^{4} dx = 6 \cdot \frac{x^{6}}{k} + 4 = x^{6} + 4$$