APPL. OF INTEGRATION REVIEW

particular - find C

general - leave C

$$\frac{dy}{dx^2} = (6x-2)^5 dx \quad du = 6 dx$$

$$\frac{dy}{dx^2} = \int u^5 \cdot du \quad du = 6 dx$$

$$\int \frac{dy}{dx} = \int u^5 \cdot du \quad du = dx$$

$$\int \frac{dy}{dx} = \int u^6 + C$$

$$\int \frac{dy}{dx} = \int \frac{dy}{dx} + \int \frac{dy}{dx} + \int \frac{dy}{dx} + \int \frac{dy}{dx} = \int \frac{dy}{dx} + \int \frac{dy}{dx} +$$

Work

Know F(x) = Kx

d cosh x = 5inh x

dx sech x = - sech x tonhx

dx