$$7'(y)p = y \cdot Tp = y \cdot (x^2p(x) + p''(x))$$

$$= 2x p(x) + x^2p'(x) + p'''(x) |_{x=y}$$

$$\int_{0}^{1} x^{5} + 6x dx$$

$$: \left[ \frac{x^{b}}{b} + \frac{6x^{7}}{2} + C \right]_{D}^{1}$$

$$\frac{1}{6} + \frac{6}{2}$$