Passid Sectorlegy 8.4

$$\frac{3}{(x+1)^{2}} \frac{\cancel{1}}{(x+1)(x+1)} - \frac{\cancel{1}}{(x+1)} + \frac{\cancel{1}}{(x+1)^{2}}$$

$$\chi^{1}$$
: $\Lambda = A$

$$\int \frac{x+1}{(x+1)^{l}} dx = \int \frac{1}{x+1} dx + 3 \int \frac{1}{(x+1)^{l}} dx$$

$$= |_{0} (x+1) - 3 (x+1)^{-1} + C$$

$$\frac{1}{\sqrt{2^2(4-1)}} = \frac{A}{2} + \frac{13}{2^2} + \frac{C}{2-1}$$

$$Q^2$$
. $Q = A + C$ $C = 2$

$$\xi^{1}$$
: $0 = A + C$
 ξ^{2} : $1 = -A + 3$
 ξ^{3} : $1 = -A + 3$
 ξ^{4} : $1 = -A + 3$

$$q^{\circ}: 1 = -3$$
 $3 = -1$