30 January 2024 06:10 PM

$$\int x^5 dx = \frac{\chi^6}{6} + c$$

$$\begin{array}{rcl}
 \mathcal{A}_{2} & \int x^{-2} dx = \frac{x^{-1}}{-1} + c \\
 = & -\frac{1}{7} + c \\
 \mathcal{A}_{2} & \int \frac{1}{7\sqrt{5}} dx = \int \frac{1}{7\sqrt{5}} dx \\
 = & \frac{1}{7\sqrt{5}} dx \\
 = &$$

$$\begin{aligned}
 \sqrt{3} & \frac{\sqrt{3}}{\sqrt{3}} \\
 \sqrt{3} & \frac{\sqrt{3}}{\sqrt{3}}$$

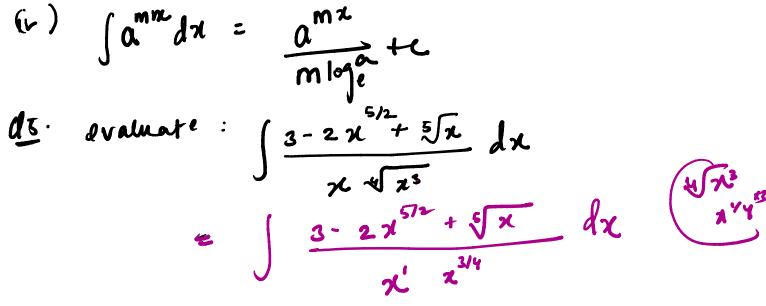
 $\frac{4}{2} \int \frac{\pi + 4}{3\pi \sqrt{\pi}} dx$ 

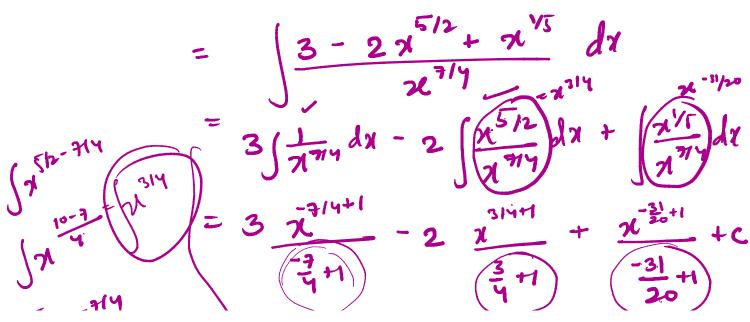
$$= \int_{3}^{\frac{1}{3}} \frac{3}{x^{3/2}} \int_{x}^{\frac{1}{3}} \frac{4}{x^{3/2}} dx$$

$$= \int_{3}^{\frac{1}{3}} \frac{4}{x^{3/2}} \int_{x}^{\frac{1}{3}} \frac{4}{x^{3/2}} dx$$

$$= \int_{3}^{\frac{1}{3}} \frac{4}{x^{3/2}} \int_{x}^{\frac{1}{3}} \frac{4}{x^{3/2}} \int_{x}^{\frac{1}{3}} \frac{4}{x^{3/2}} dx$$

$$= \int_{3}^{\frac{1}{3}} \frac{4}{x^{3/2}} \int_{x}^{\frac{1}{3}} \frac{4}{x^{3/2}} dx + \frac{1}{3} \int_{x}^{\frac{1}{3}} \frac{4}{x^{3/2}} dx$$





( 4 1)  $\begin{pmatrix} 3 \\ 4 \end{pmatrix}$   $\begin{pmatrix} -3 \\ 20 \end{pmatrix}$  $\begin{array}{c} & & & \\ & & & & \\ & & & \\ & & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ &$  $-\frac{4}{3^{3/4}} - \frac{8}{7} x^{7/4} - \frac{20}{11} \frac{1}{11} x^{1/10}$ ( m )

 $6\int (e^{5x} + 2x^{3/2} - 5x^{-1}) dx$  $= \int e^{5\pi} d\pi + 2 \int \pi^{3/2} d\pi - 5 \int \frac{1}{\pi} d\pi$  $= \frac{0^{5\chi}}{5} + 2 \left(\frac{\chi}{5/2}\right) - 5 |\theta||\chi| + C$ = ± 05x + y 5/2 - 510/1x/+e

(7)  $\int (3^{5x} + 2^{3x} - 10^{-x}) dx$  $= \frac{3^{52}}{6 \log^2} + \frac{2^{52}}{3 \log^2} + \frac{10^{-2}}{3 \log^2} + \frac{10^{-2}}{1 \log^2} + \frac{10^{-2}}{1 \log^2}$ 

