

Name:

ID:

Section: 02

Serial:

1) Evaluate $\int \frac{e^x}{\sqrt{1+e^{2x}}} dx$.

2) Write out the form of the partial decomposition of the function $\frac{24}{x^5 + 8x^2}$.

3) Evaluate $\int_{-\ln 2}^{\infty} e^{-2x} dx$.