

Integration Gateway #4**Math 232**

Same rules as the previous gateway, but here you must 3 of the 4 problems completely correct. Don't forget to circle your final answers!

1. $\int \frac{1}{3x+1} dx$

2. $\int \frac{1}{3x^2} dx$

3. $\int \frac{1}{\tan x} dx$

4. $\int_1^e \ln x dx$