Integrate Your Name

Integrate the problems to spell your first and last name. You must solve at least 10, so if your name is shorter than that, include your middle name. (If that is still not enough (or if you don't have a middle name), pick random letters to get to solve at least 10!!) There is no need to solve repeated letters again. Work should be presented on a half poster sized page, colored and decorated. Be creative!
DUE: Friday, April 5 whether your class meets or not (Late Assignments will have points deducted! If you are not in School, EMAIL ME A PHOTO NO LATER THAN 2:28!) This is a secondary grade. There is no reassessment.

A: $\int x\sqrt{3x+4}dx$

B: $\int (5x+4)^5\,dx$

C: $\int 3x^2(x^3+4)^5\,dx$

D: $\int \sqrt{4x-5}dx$

E: $\int x^3\sqrt{x^2+1}dx$

F: $\int x^2\sqrt{x^3+1}dx$

G: $\int \frac{2}{\sqrt{3x-7}}\,dx$

H: $\int \frac{x}{\sqrt{x+1}}\,dx$

I: $\int (x^2+1)\sqrt{x-2}dx$

J: $\int \frac{\sin x}{(2+3\cos x)^2}\,dx$

K: $\int x\tan\left(x^2\right)\sec\left(x^2\right)dx$

L: $\int \sin^{10} x\cos x dx$

M: $\int \frac{1}{x^2+6x+9}\,dx$

N: $\int \frac{\sec^2 x}{(1+\tan x)^3}\,dx$

O: $\int \frac{x+1}{\left(x^2+2x+1\right)^4}\,dx$

P: $\int \frac{1}{\sqrt{x}(\sqrt{x}+1)^2}\,dx$

Q: $\int \sqrt{x^3+x^2}\left(3x^2+2x\right)dx$

R: $\int \frac{x+1}{(x^2+2x+2)^3}\,dx$

S: $\int (x+1)\sin(x^2+2x+3)dx$

T: $\int \frac{\sin x}{\cos^5 x}\,dx$

U: $\int 3x^3(x^2+4)^5\,dx$

V: $\int \frac{\left(\sqrt{x}-1\right)^2}{\sqrt{x}}\,dx$

W: $\int \cos x\sqrt{\sin x}dx$

X: $\int \frac{1}{x^2}\left(1+\frac{1}{x}\right)^3\,dx$

Y: $\int x^2\left(x^3+4\right)^{\frac{-1}{2}}\,dx$

Z: $\int \cos(2x+1)dx$