

Name: \_\_\_\_\_ Id # \_\_\_\_\_ List # \_\_\_\_\_

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1.  $\int e^{\sqrt{x}} dx$

2.  $\int \tan^5 \theta \sec^7 \theta d\theta$

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

4.  $\int \frac{\cos x dx}{\sin^2 x + \sin x}$

5.  $\int_0^1 \ln x dx$

6.  $\int \frac{dx}{x(x^2 + 1)^2}$  (set up only)

