

MATH 236 CALCULUS 2
ADDITIONAL HOMEWORK FOR SECTION 7.2.– ANSWERS

1. $\ln |\sec x| + \frac{1}{2} \cos^2 x + C$

2. $\ln |\sin x| + 2 \sin x + C$

3. $\tan x - x + C$

4. $\frac{3^4}{8} + \frac{3^3}{6} = \frac{351}{24} = \frac{117}{8}$

5. $\frac{1}{3} \sec^3 x - \sec x + C$

6. $\frac{\sec^6 x}{6} - \frac{\sec^4 x}{4} + C$

7. $\ln |\sin x + \cos x| + C$