

Cypress College Math Review: Integration of Secant Cubed

$$\int \sec^3 \theta \, d\theta$$

Now you try:

$$\int \csc^3 \theta \, d\theta$$

Answer:

$$-\frac{1}{2} \csc \theta \cot \theta - \frac{1}{2} \ln |\csc \theta + \cot \theta| + C$$