

Integration Technique Practice 2

AP Calculus BC

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NAME:

Problem 1.

$$\int \frac{t^3 dt}{\sqrt{9 - 4t^4}}$$

Problem 2.

$$\int \frac{1}{x \ln(x)} dx$$

Problem 3.

$$\int \frac{dy}{y^2 - 4y + 8}$$

Problem 4.

$$\int \frac{x^3}{9 + x^2}$$

Problem 5.

$$\int \frac{\tan(x)}{\tan(x) + \sec(x)} dx$$

Problem 6.

$$\int x^2 \sin(1 - x) dx$$