

AP Calculus BC
Unit 8 – (Days 5 – 8) – QUIZ REVIEW

Name: _____

Evaluate the integral.

1)

$$\int \sin^5 x \cos^4 x dx$$

2)

$$\int \frac{5}{x^3 - x} dx$$

3)

$$\int \sec^4 x \tan x dx$$

4)

$$\int e^{2x} \sin x dx$$

5)

$$\int \sin^2 x dx$$

6)

$$\int \ln(5x) dx$$

7)

$$\int \frac{2}{x^2 + x} dx$$

8)

$$\int \sec^3 x \tan^3 x dx$$