

Calculus 1B Quiz 10

Name:

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Student ID:

1. (1 point) Evaluate

$$\int_0^{\frac{\pi}{2}} \sin^3(4x) dx$$

2. (1 point) Integrate

$$\int \sec(x)^9 \tan^3(x) dx$$

(turn over)

3. (1 point) Integrate

$$2 \int \sin(2x) \cos(2x) e^{2 \cos^2(x)} dx$$