

## Quiz 2

1. Evaluate the integral.

(7 pts.)

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

2. Evaluate the integral.

(6 pts.)

$$\int \sin^3(2x) \cos^2(2x) dx$$

3. Evaluate the integral.

(7 pts.)

$$\int \frac{1}{\sqrt{16x^2 - 9}} dx$$