

MATH 211: 10-11 WORKSHEET

(1) Evaluate

$$\int x^2 \cos(2x) \, dx.$$

(2) Evaluate

$$\int \sin x \cdot \cos x \, dx.$$

(3) Evaluate

$$\int 2x \cdot \cos(x^2) \, dx.$$

(4) Evaluate

$$\int \sin x \cdot \sin(3x) \, dx.$$