

Instructions. Show all work, with clear logical steps. No work or hard-to-follow work will lose points.

Problem 1. (4 points) Compute

$$\int \cos(7x)e^{\sin 7x} dx.$$

Problem 2. (4 points) Evaluate

$$\int_0^\pi x dx$$

Problem 3. (2 points) Do we have class on Monday (16 January)?