

WEEKLY WORK 1

1/17

Name: _____

(1) (5 pts.) Compute

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

(2) (5 pts.) State the general integration by parts formulas for definite and indefinite integrals, and provide an explicit example for one of these (plug in explicit functions).

- (3) (1 pt.) Please state aty least one thing which you would like to see in class (e.g. more focus on lectures, or projects, or examples, or theory, or anything else), or state one thing which you think would help you succeed this semester.