

Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

## Introduction to Gradescope

Fall 2014 Midterm

### Q1. Calculus

Q1.1 [3pt] What is the integral of  $x$ ?

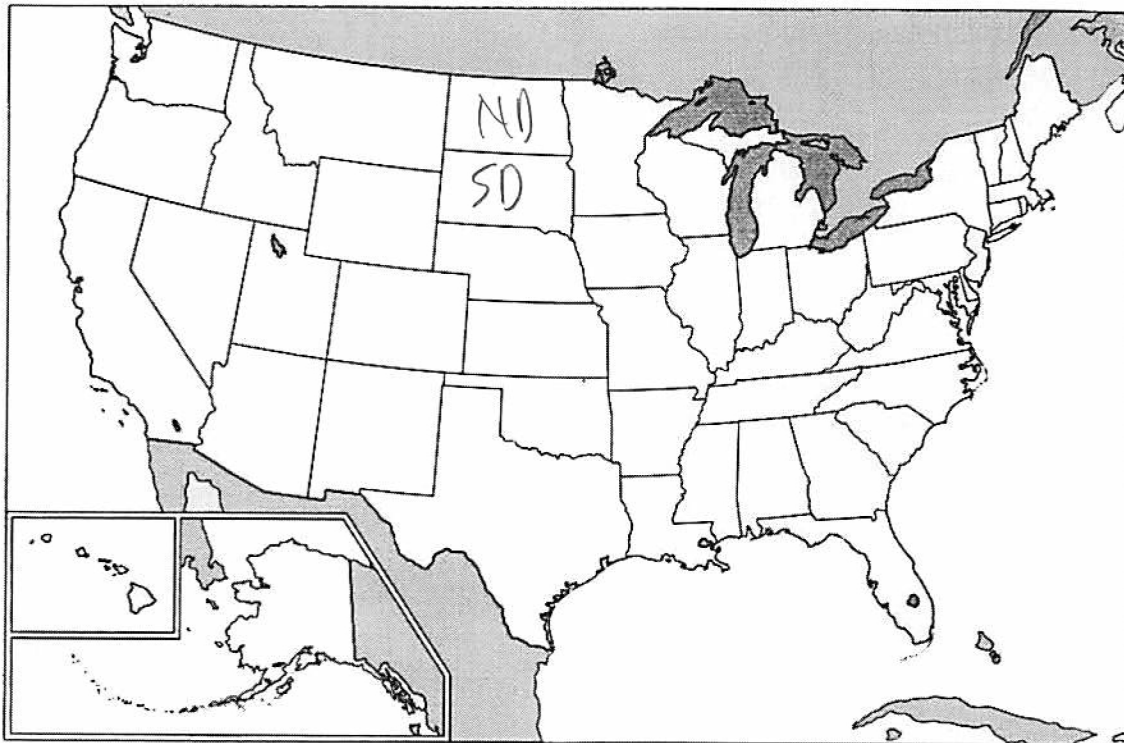
Q1.2 [3pt] What is the derivative of  $\cos x$ ?

See extra page  
at end

$-\sin x$

### Q2. [2pt] United States Geography

Mark North Dakota and South Dakota on the map below.



### Q3. Chemistry

Q3.1 [3pt] Draw the Lewis structure for  $CO_2$ .

see extra page!

Q3.2 [1pt] Which of the following are noble gases?

☒ Argon

☒ Helium

☐ Oxygen

☐ Hydrogen

Q1.1

$$\int x \, dx = \frac{1}{2} x^2 + C$$

Q3.1

$$\because \textcircled{O} = C = \textcircled{O} \because$$

