

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

1. How do you like to be addressed? Feel free to provide your name's pronunciation, preferred nickname, and/or pronouns.

2. What do you want to get out of this course?

3. Do you have any concerns about this course? Feel free to bring up anything in life outside Math 3260 that might affect your success within Math 3260.

4. Suppose that  $f$  and  $g$  are functions that are defined and differentiable at  $x = 0$ . Suppose also that  $f'(0) = 1$  and  $g'(0) = 2$ . If  $h(x) = 3f(x) + 4g(x)$ , what is  $h'(0)$ ?

5. If I asked you to *check* that setting  $x = 1$  and  $y = 2$  solves

$$\begin{cases} x + y = 3 \\ 2x + 3y = 8, \end{cases}$$

what would you do?