

# Quiz 6

Math 3C: Precalculus  
November 14, 2019

When you finish, please remain seated until class is dismissed

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

PID: \_\_\_\_\_

**Problem 1** (5 points). Solve the equation  $2 \cdot 5^{x+1} = 4$  for  $x$ .

THERE IS A SECOND PAGE

**Problem 2** (5 points). Sketch the graph of  $a(x) = -\log_2(x+3)$ . Label any asymptotes and the *horizontal* intercept (you do not need to label the vertical intercept).