

**Quiz 9;** Tuesday, November 8  
**MATH 54** with Ming Gu  
**GSI:** Eric Hallman

**Student name:**

You have 20 minutes to complete the quiz. Calculators are not permitted.

1. (12 points) Solve the initial value problem

$$y'' + 2y' + 17y = 17t$$

where  $y(0) = 0$  and  $y'(0) = 1$ .