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class: MATH 181  
date: March 3, 2009

## Quiz 14

### Problem 1

Find  $y'$  and  $y''$ :

$$y = e^{\alpha x} \sin \beta x$$

### Problem 2

Find an equation of the tangent line to the curve at the point  $(0, 1)$ .

$$y = (1 + 2x)^{10}$$