

# Homework 8

Name:

Date: June 9, 2015

**P 1.** Sketch a graph of

$$f(x) = -2 + e^{3x}(4 - 2x)$$

Label any intercepts, relative extrema, points of inflection, and asymptotes.

**P 2.** Sketch a graph of

$$y = \frac{x}{2} + \ln\left(\frac{x}{x+3}\right)$$

Label any intercepts, relative extrema, points of inflection, and asymptotes.