

# Homework 9

Name:

Date: June 10, 2015

**P 1.** Find the point on the graph of  $f(x) = (x - 1)^2$  that is closest to the point  $(-5, 3)$ .

**P 2.** Approximate  $\sqrt[3]{26}$  using the linear approximation of  $f(x) = \sqrt[3]{x}$  at  $x = 3$ .