

# Math 16a – Quiz 5

Section 117, October 9, 2007

Name:

Each question is worth 3 points. You have 15 minutes.

1. Let  $f(x) = 2x^3 - 3x^2 - 12x + 2$ . This function has one relative minimum point. Find its coordinates.

2. Let  $f(x) = -x^2 + 5x - 7 + \frac{c}{x}$ . If the graph of  $f$  has an inflection point at  $x = 2$ , what is  $c$ ?