

**Math 80 Quiz #8**  
**March 3, 2009**

Name: \_\_\_\_\_

Show all work and simplify your answers as much as possible. Put a box around your final answer.

1. Factor the following.

(a) (2 pts.)  $x^2 + 11x + 24$

(b) (2 pts.)  $-5t^5 - 50t^4 + 55t^3$

(c) (2 pts.)  $4x^2 + 16x + 7$

(d) (2 pts.)  $m^2 - 12m + 36$

(e) (2 pts.)  $4a^2 - 25$