

Math 70 Quiz #8
November 18, 2008

Name: _____

Show all work. No calculators are permitted on this quiz.

1. (3 pts.) You are in a bowling tournament. You got scores of 180 and 195 for the first two games.

What score would you need to get in the third game to get an average score of 200 points per game?

2. (4 pts.) There are several actors that have played James Bond, including Sean Connery, Roger Moore, and Timothy Dalton.

Sean has starred in 3 **times** as many James Bond movies as Timothy. Roger has starred in 5 **more** movies as Timothy. Combined, they have been in 15 James Bond movies.

How many James Bond movies has each of the actors starred in?

3. Simplify the following:

(a) (1 pts.) $(4^8)(4^5)$

(b) (2 pts.) $(2x^3y)(4y^4)(x^2)$