

Math 200 - Quiz 4

February 24, 2010

Name _____

Score _____

Show all work to receive full credit. Supply explanations when necessary.

1. (1 point) Convert 22153_{six} to base ten.

2. (1 point) Explain why 245031_{five} cannot be a base-five numeral.

3. (2 points) List the first 15 counting numbers in base four.

4. (1 point) Convert 6732 to base twelve.