

Math 371
Quiz 1, February 11, 2014

Name: _____

1. (3 points) Convert the decimal number 47.75 to binary. Give a complete explanation.
2. (3 points) Convert the binary number 100101100.011 to decimal. Give a complete explanation.
3. (4 points) Explain what machine epsilon is and the role it plays for the floating point machine number system.