

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

Math 203: Contemporary Mathematics

**Quiz 3:** Thursday, January 22, 2009

The following two questions are worth up to 3 bonus points each. These points will be based on the accuracy, completeness, and clarity of your responses. Use full sentences, and avoid saying things that are untrue, ambiguous, or nonsensical. You may use your book or any notes that you have.

1. Draw a picture showing how regular pentagons can be used to tile the plane, **or** explain *why* this is not possible.

2. [Section 1.3, problem 22(b).] Convert the following word from ASCII to characters in the English language.

0111 0011 0110 0011 0110 0001 0110 1110 0110 1110 0110 0101 0111 0010