

Math 206 - Quiz 7

November 3, 2010

Name _____

Score _____

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

1. (2 points) One angle measures $21^{\circ}35'31''$. A second angle measures $49^{\circ}51'32''$.
 - (a) Find the sum of the measures of the angles. Then convert your answer to degrees in decimal form.

 - (b) Round your decimal answer above to the nearest whole degree. Then use your protractor to sketch an angle with that measure.

2. (1 point) Problem 11-3A, #14. Explain your reasoning.

3. (1 point) Problem 11-3B, #2. Explain your reasoning.

4. (1 point) Problem 11-3B, #7. Explain your reasoning.