

# Math 1303 - Math in the Liberal Arts

Quiz #5 - 2008.02.06

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

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1. Determine if the following sequence is arithmetic or geometric. State your reasons why.

$-9, 4, 17, 30, 43, 56, 69, \dots$

2. Write a formula for the  $n$ th term in sequence given above.

3. What is the 501st term in the sequence?

4. What is the sum of the first 501 terms in the sequence?