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| Group Quiz 4Dusty Wilson Math 153 No work = no credit | **Name**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Use a convergence test (sections 11.3-5) to determine whether the series  converges or diverges. If it converges, find the exact sum. Justify your answer.

Determine whether the sequence  converges or diverges. If it converges, find the limit.

Test the series  for convergence or divergence? Justify your answer.