

Math 199, Spring 2022
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Preparation Assignment 9 - The ratio and root tests

Estimated Time: Less than 20 minutes

Goals: Understand what the ratio and root tests say and when they are useful.

1) State the ratio test precisely.

2) State the root test precisely.

3) Explain in your own words why these two tests for convergence make sense to you.

4) In which types of situations would you expect the ratio or root tests to be useful?