

## HW #13 Final Answers

1. Diverges Show both Tests. Fill All Details for each Convergence Test.
2. Converges
3. Absolutely Convergent  $L = \frac{1}{5}$
4. Absolutely Convergent  $L = 0$
5. Diverges  $L = \infty$
6. Absolutely Convergent  $L = \frac{1}{e}$
7. Absolutely Convergent  $L = 0$
8. Divergent  $L = 4$
9. Show all steps
10. Show work
11. Divergent