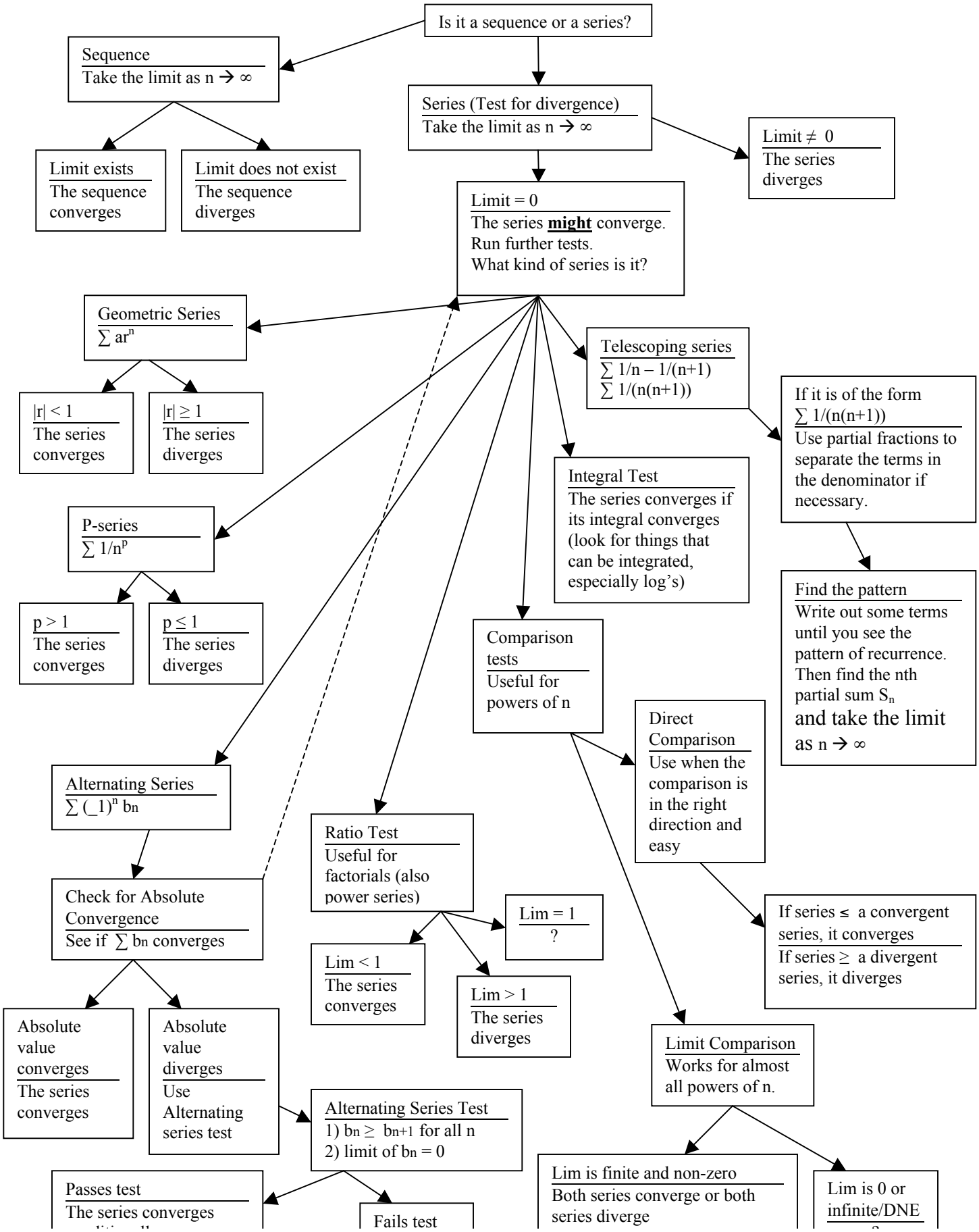Logic for Convergence of Sequences and Series