Test	useful when	converges if	diverges if
Terms $\not\to 0$	$\sum a_n$, $a_n \not\to 0$ try this test first	n/a: $a_n \to 0$ inconclusive	$a_n \not\to 0$
Finite series		always	
Geometric	$\sum_0^\infty ax^n$ a starting value x constant ratio	$\lvert x\rvert<1$ to $\frac{a}{1-x}$	$\lvert x\rvert \geq 1$
Integral	pos, dec a_n known $\int$ ex: p-series $\sum \frac{1}{n^p}$	$\int^\infty a_n dn$ converges $\int$ bounds $\sum$	$\int^\infty a_n dn$ diverges
Linearity	$\sum a_n + b_n$	both conv	only 1 div