

A Useful Table

Sr. No.	Type of Sample	Variance Known/Unknown	Underlying Distribution	Which Test???
1	Large	Known	Normal	z-test (exact)
2	Large	Known	Not normal	z-test (approximate)
3	Large	Unknown	Normal	t-test, z-test (approximate)
4	Large	Unknown	Not normal	z-test (approximate)
5	Small	Known	Normal	z-test (exact)
6	Small	Known	Not normal	Non-parametric test
7	Small	Unknown	Normal	t-test
8	Small	Unknown	Not normal	Non-parametric test