

Finding \bar{x} , s , s^2 , q_1 , q_3 and Me

Purpose	TI85	TI82	TI83
1. Access the stat data editor	STAT F2 ENTER ENTER	STAT 1	STAT 1
2. Enter data	30 ENTER ENTER	30 ENTER	30 ENTER
3. Calculate basic Statistics	EXIT F1 ENTER ENTER F1	STAT ▷ 1 ENTER 2ND 1	STAT ▷ 1 ENTER 2nd 1

Sorting

Purpose	TI85	TI82	TI83
1. Access data	STAT F2 ENTER ENTER	STAT 1	STAT 1
2. Enter data	30 enter enter	30 ENTER	30 ENTER
3. Sort data and display the sorted list	F3	STAT 2 2ND 1 ENTER STAT 1	STAT 2 2ND 1 ENTER STAT 1

Box Plots

Purpose	TI82	TI83
1. Access data	STAT 1	STAT 1
2. Enter data	30 ENTER	30 ENTER
3. Set the x scale xmin and xmax; provide room under box plot	WINDOW ▽ 3 ▽ 31 ▽	WINDOW 3 ▽ 31 ▽
4. Draw the box plot	2 nd Y= ENTER ENTER ▽ ▷ ▷ ENTER GRAPH	2 nd Y= ENTER ENTER ▽ ▷ ▷ ▷ ▷ ENTER GRAPH
5. Read values of Me, q2,q3, max x, min x	TRACE	TRACE