

GRADES-6

For each of the following sets of grades, do the following:

- a. Find the percentile that corresponds to 73.
- b. Find the percentile that corresponds to 92.
- c. Find P_{33} .
- d. Find the 5-number summary.
- e. Construct a box plot, and label with the 5-number summary.

1. 55, 62, 63, 66, 67, 69, 71, 71, 73, 74, 75, 78, 79, 85, 87, 88, 89, 92, 92, 99

2. 54, 56, 63, 72, 73, 75, 76, 77, 78, 81, 81, 89, 91, 92, 95, 95, 95, 96, 97, 98