

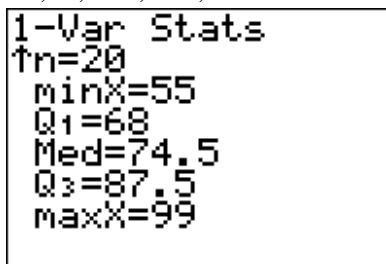
GRADES-6 ANSWERS

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

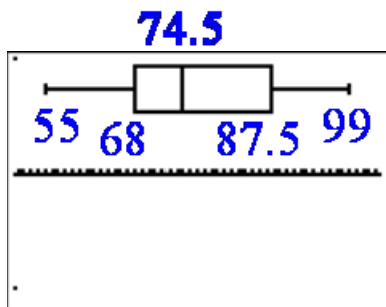
- Find the percentile that corresponds to 73.
- Find the percentile that corresponds to 92.
- Find P_{33} .
- Find the 5-number summary.
- Construct a box plot, and label with the 5-number summary.

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

- 40th percentile
- 85th percentile
- 71
- 55, 68, 74.5, 87.5, 99



e.



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

- a. 20th percentile
- b. 65th percentile
- c. 76
- d. 54, 74, 81, 95, 98

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1-Var Stats
↑n=20
minX=54
Q1=74
Med=81
Q3=95
maxX=98
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e.

