

Algebra I Practice S.ID.A.1: Quartiles

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NAME: \_\_\_\_\_

1. Which is the first quartile of these data?

4, 8, 3, 5, 4, 7, 6

[A] 3      [B] 4      [C] 3.5      [D] 5

2. Use a graphing calculator to make a box-and-whisker plot of this data. Use the TRACE feature to find the values of  $Q_1$ ,  $Q_2$ , and  $Q_3$ .

78, 86, 81, 92, 94, 85, 84, 90, 83, 85, 91, 91

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[1] B

[2]  $Q_1 = 83.5$ ;  $Q_2 = 85.5$ ;  $Q_3 = 91$