Core
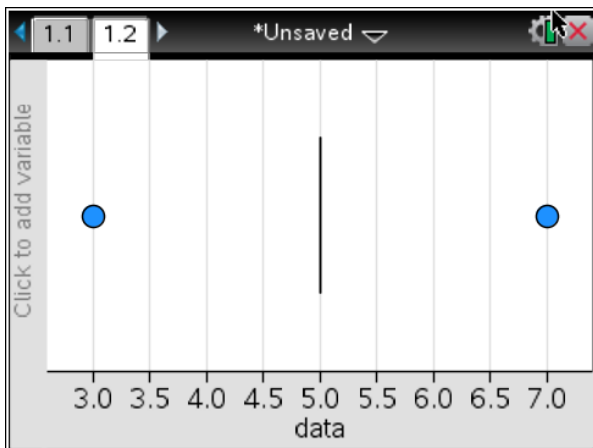
1. Is it possible to have a set of data in which the :
    1.1   Lower quartile equals the lowest score?
    1.2   IQR is zero?
2. Draw the following data on a boxplot : 3 5 5 5 5 5 7
3. For a boxplot, what is the maximum possible difference between the maximum value and the minimum value? Give your answer in terms of IQR.

4. Ans

1.1 Yes. 2 2 2 3 5 6

1.2 Yes. 3 5 5 5 5 5 7

2.

3. 5 IQR