Tennis ball throw

This task is about reading information from a stem-and-leaf graph.
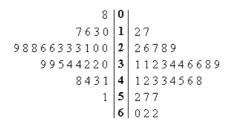
At Defoe College, the Year 9 students challenged the Year 10 students to a ball throwing contest.

Each student threw a tennis ball and this distance was measured and recorded to the nearest metre.

Their results are plotted on the back-to-back stem-and-leaf graph below.

**DISTANCE TENNIS BALL
THROWN**

Year 9	Distance (metres)	Year 10

```
              8 |0|
           7630 |1| 27
   98866333100 |2| 26789
       99544220 |3| 1123446689
           8431 |4| 12334568
              1 |5| 277
                |6| 022
```

a) What was the distance of the:

   i) longest throw? _____ metres

   ii) shortest throw? _____ metres

b) What was the median distance thrown by:

   i) Year 9 students? _____ metres

   ii) Year 10 students? _____ metres

c) i) Tamiti said that Year 10 students threw the ball the furthest.
       Is he correct?   YES / NO *(circle one)*

   ii) Explain your answer.

   _____

   _____

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