

Back-to-Back Plot

Sheet 2

- A) At a practice session for the Summer Olympics, the time taken (in seconds) by men and women swimmers to cover 50 meter freestyle swimming are tabulated below.

| | | | | | | | | | |
|-------|----|----|----|----|----|----|----|----|----|
| Men | 25 | 26 | 30 | 27 | 31 | 27 | 32 | 33 | 30 |
| Women | 28 | 31 | 29 | 33 | 34 | 36 | 40 | 39 | 27 |

Make a back-to-back stem-and-leaf plot of the given data and answer the following.

Leaf

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- 1) What is the average time taken by men in a practice session? _____
- 2) What is the maximum time taken by women in a practice session? _____
- 3) How many men completed the practice session within 30 seconds? _____
- 4) How many women swimmers completed the session between 25 and 30 seconds? _____
- 5) What is the minimum time taken to complete 50 meter? _____