25. An employment agency tracks the length of time that workers stay with one company. When the agency's staff researched two companies, they created the two lists below to represent the number of years that all of the employees have been working at their respective companies.

Vandy's Vacuums: 2, 1, 5, 6, 3, 4, 8, 2, 1, 3, 2, 5, 1

Bart's Brooms: 15, 12, 3, 5, 2, 1, 8, 2, 6, 2, 9, 12, 2

After tabulating the years of employment, the employment agency wants to compile the findings into a chart so the data can be better summarized.

A.   Using the data, create a box plot for each company on the graphs provided below.

Vandy's Vacuums
Employment History (in years)

Bart's Brooms
Employment History (in years)

```
←——+—+—+—+—+—+—+—+—+—+—+—→        ←——+—+—+—+—+—+—+—+—+—+—+—→
   0  2  4  6  8 10 12 14 16 18 20        0  2  4  6  8 10 12 14 16 18 20
```

B.   Using the box plots you created, compare the distributions of the data from the two companies. Be sure to describe the measures of center and the spread.

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STOP