Fire number summary

Minimum  $\bar{Q}_1$  $\bar{Q}_2$  $\bar{Q}_3$  Maximum

180  785  1805  4668  21,147

Box plot

1. Determine the lower and upper fences.
2. Draw a number line long enough to include the maximum and minimum.
3. Label the lower and upper fences.
4. Insert vertical lines at $\bar{Q}_1$, $\bar{Q}_2$, and $\bar{Q}_3$. Enclose these lines in a box.

5. Draw a line from $\bar{Q}_1$ to the smallest data value that is not an outlier. Draw
a line from 0.93 to the largest data value that is not an outlier.

(6) An outliers are marked with an asterisk.