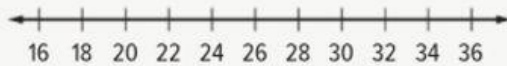## Power Up! Test Practice

14. The table shows the ages of people standing in line for tickets to see a movie. Find each of the follow values for the data set.

Ages				
18	22	31	25	30
19	26	24	35	25

Minimum: ☐   First Quartile: ☐   Median: ☐

Third Quartile: ☐   Maximum: ☐

Draw a box plot to represent the set of data.

```
16  18  20  22  24  26  28  30  32  34  36
```

15. The speeds, in kilometers per hour, of several cars on a busy street are shown. Determine if each statement is true or false.

| 42 | 38 | 44 | 35 | 50 | 38 |

   a. The range of the speeds is 12 kilometers per hour. ☐ True   ☐ False

   b. The mean is the measure of center that makes the speeds appear fastest. ☐ True   ☐ False

   c. The median is the measure of center that makes the speeds appear slowest. ☐ True   ☐ False