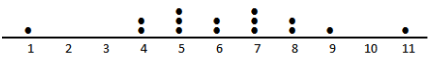
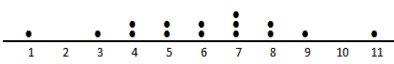
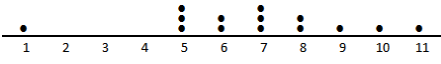
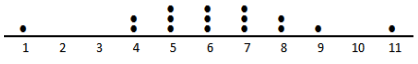
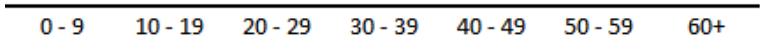
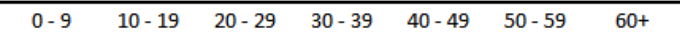
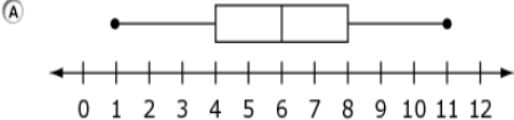
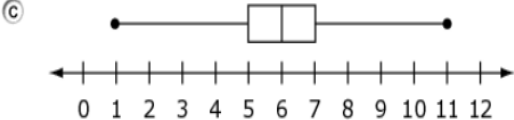
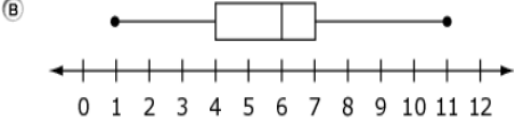
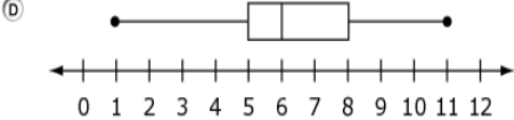


| Content Standard | <p>MAFS.6.SP Statistics and Probability</p> <p>MAFS.6.SP.2 Summarize and describe distributions.</p> <p>MAFS.6.SP.2.4 Display numerical data in plots on a number line, including dot plots, histograms, and box plots.</p> | |
|--|--|--|
| Assessment Limits | <p>Numbers in items must be rational numbers.</p> <p>Displays should include only dot/line plots, box plots, or histograms.</p> | |
| Calculator | No | |
| Item Types | <p>GRID</p> <p>Multiple Choice</p> <p>Multiselect</p> | |
| Context | Allowable | |
| Sample Item | Item Type | |
| <p>A class is surveyed with data as shown.</p> <p style="text-align: center;">1, 4, 4, 5, 5, 5, 6, 6, 7, 7, 7, 8, 8, 9, 11</p> <p>Which dot plot represents the class?</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>A.</p> <p>Class</p>  </div> <div style="text-align: center;"> <p>C.</p> <p>Class</p>  </div> </div> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>B.</p> <p>Class</p>  </div> <div style="text-align: center;"> <p>D.</p> <p>Class</p>  </div> </div> | Multiple Choice | |
| <p>Robert asked each family member his or her age, to the nearest year, and recorded the data as shown.</p> <p>1, 4, 11, 19, 21, 28, 36, 41, 61, 62</p> <p>Click above the number line to create a dot plot that displays this data.</p> <p style="text-align: center;">Age</p>  | GRID | |

| Sample Item | Item Type |
|--|-----------|
| <p>Robert asked each family member his or her age and recorded the data as shown.</p> <p>1, 4, 11, 19, 21, 28, 36, 41, 61, 62</p> <p>Click on the graph to create a histogram that displays these data.</p> <p style="text-align: center;">Age</p>  | GRID |
| <p style="text-align: right;">GRID</p> <p>A class survey provides the data shown.</p> <p>1, 4, 4, 5, 5, 5, 6, 6, 7, 7, 7, 8, 8, 9, 11</p> <p>Which box plot represents the class?</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p>(A) </p> </div> <div style="width: 50%;"> <p>(C) </p> </div> <div style="width: 50%;"> <p>(B) </p> </div> <div style="width: 50%;"> <p>(D) </p> </div> </div> | |