Problem Solving • Data Displays

Read each problem and solve.

1. Josie collected data on the number of siblings her classmates have. Make a data display and determine the percent of Josie’s classmates that have more than 2 siblings.
   5, 1, 2, 1, 2, 4, 3, 2, 2, 6
   - The graphs will vary
   - They may have line plots, histograms, dot plots, frequency charts
   - 40%

2. The following data show the number of field goals a kicker attempted each game. Make a data display and tell which number of field goals is the mode.
   4, 6, 2, 1, 3, 1, 2, 1, 5, 2, 2, 3
   - Mode 2

3. The math exam scores for a class are shown below. Make a data display. What percent of the scores are 90 and greater?
   91, 68, 83, 75, 81, 99, 97, 80, 85, 70, 89, 92, 77, 95,
   (100, 64, 88, 96, 76, 88)
   - 35%

4. The heights of students in a class are shown below in inches. Make a data display. What percent of the students are taller than 62 inches?
   63, 57, 60, 64, 59, 62, 65, 58, 63, 65, 58, 61, 63, 64
   - 50%

5. The ages of employees are shown below. Which age is the mode?
   21, 18, 17, 19, 18, 23, 18, 16, 22, 18, 21, 18
   - Mode 18

COMMON CORE STANDARD CC.6.SP.4
Summarize and describe data distributions.