

Name: _____

Date: _____

Learning Goal 9.2

I can demonstrate an understanding of data analysis.

1. Calculate the mean, median, mode and range of the following data sets.
 - a. {1, 10, 6, 4, 2, 5, 3, 6, 5, 4}
 - b. {5, 10, 10, 6, 8, 6, 3, 7, 5, 3}
 - c. {3, 4, 7, 8, 3, 4, 8, 8, 5, 7}
 - d. {83, 73, 83, 59, 24}
 - e. {41, 10, 41, 41, 29}
 - f. {41, 29, 54, 33, 86}
 - g. {593, 287, 730, 450, 279, 692, 791, 820, 109, 450, 368, 429, 975, 479, 730}
 - h. {74, 20, 70, 30, 30, 70, 37, 70, 98, 61, 54, 57, 45, 54, 12, 70, 70, 83, 70, 97}

2. The bar chart represents the outcome of a penalty shoot-out competition. Each person in the competition was allowed six shots at the goal. The graph shows the frequency with which each score was achieved.
 - a. How many people were involved in the shoot out?
 - b. Find the mean, median, mode and range of the scores.

