

Table Number: _____

Group Name: _____

Group Members: _____

Distinguishing Distributions

Refer to the dot plots on the document, DOT PLOTS FOR “DISTINGUISHING DISTRIBUTIONS” ACTIVITY on pp. in your activity book to answer the questions below. Each dot plot depicts the distribution of hypothetical exam scores in various classes.

1. For classes A, B and C, what is the main characteristic that distinguishes these three graphs from each other? What might explain this difference?
2. What is the main characteristic that distinguishes the distributions of exam scores in classes D, E, and F? What might explain these differences?
3. What is the main characteristic that distinguishes the distributions of exam scores in classes G, H, and I? What might be an explanation for the distinguishing feature you find?
4. What strikes you as the most distinctive features of the distribution of exam scores in class J? What might be an explanation for this characteristic?
5. What strikes you as the most distinctive feature of the distribution of exam scores in class K? What might be an explanation for this characteristic?

