

Starting Lineup

Name: _____

Mr. Klinck has only one more starting position available on his basketball team, but two students have tried out for it. He wants to choose the student who is likely to score the most points. The two students from whom he can choose are described below.

Jana scored: 7 46 9 6 11 7 9 11 19 7 9 11 9 55 11 7 points.

Alejandra scored 13 15 9 18 13 17 17 15 points.

Which girl has the higher average (mean) number of points?

Who had the higher median and by how many points?

Which student do you think Mr. Klinck should select and why? Use parallel box plots (two box plots on the same number line) to support your explanation.

Which measure of center (mean or median) is a better prediction of each girl's performance?