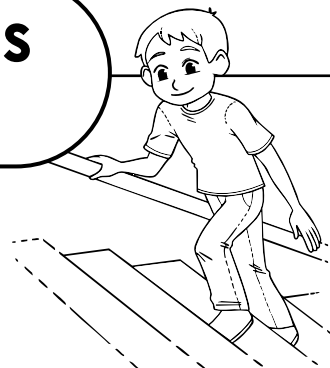


Name: _____

Data Values and Measures of Center & Variability



Alondra times how long it takes several of her friends to run up the school stairs, rounded to the nearest second.

12, 11, 10, 5, 11, 12, 9

1. What is the mean? *Show your work.* _____

2. What is the median? *Show your work.*



Preview

Please log in to download
the printable version of this worksheet.

5. Alec, who took 5 seconds, tries again and takes 10 seconds. Which does his new time most affect: mean or median? In what way?

6. Ruth, who took 12 seconds, tries again and takes only 10 seconds. Which does her new time most affect: range or IQR? Why?

ANSWER KEY

Data Values and Measures of Center & Variability



Alondra times how long it takes several of her friends to run up the school stairs, rounded to the nearest second.

12, 11, 10, 5, 11, 12, 9

1. What is the mean? *Show your work.*

10

Preview

Please log in to download
the printable version of this worksheet.



Q3 value but does not change the maximum value.