

Name _____

Date _____

Outliers In Data Sets - Step-by-Step Lesson

The following table displays the math scores of 10 students in class.

Name	Math Scores
Alex	46
Brian	30
Celia	36
Davis	92
Emy	38
Frank	39
George	45
Helina	46
Ida	31
Jack	32
	Sum = 435



If the score of the outlier is not included, what is the mean score?

Explanation:

An outlier is a piece or pieces of data that are extremely different from the vast majority of the data set. Outliers are usually by outside variables or errors in measurement.

The outlier is Davis's score. He scored 92. This is twice more than his nearest rival, so exclude Davis's score.

The sum of the remaining scores is 301.

There are now only 9 in the list, so the mean = $\frac{301}{9} = 33.44\%$.

