

Mean Absolute Value in Google Docs

Step One—Get the data

Go to <http://cms.ironk12.org> and click on TEACHER WEBSITES
Find Ms. Durfee's page
Find Chapter 12
Click on STUDENT HEALTH data set

6th Grade A Team	6th Grade AA Team	6th Grade B Team
Diane Houle	J.J. Tanner	Regina Weeks
Mindy Elliott	Antinette Haggerty	Robyn Brown
Gisele Terrones	Nancy Johnson	Chad Gray
Kent Atwood	Whitney Skougard	Patty Johnson
6th Gr. Math Coach Melanie Durfee		

Step Two-Study the data.

There are three questions at the top in row 1
There are ten responses to each question

Step Three—Find the average

Highlight A11 to A2

Click on the functions button (it is the last one on the right) and select AVG

The screenshot shows a Google Sheet titled "Health Data" with the following data:

A	B	C	D	E	F	G	H	I
How many hours of sleep did you get last night?			How many cookies did you eat yesterday?			How many sodas/energy drinks did you have yesterday?		
8	0.3	0.3	3			4		
9	1.3	1.3	4			0		
10	2.3	2.3	5			0		

The function menu is open, showing options: SUM, AVERAGE, COUNT, MAX, MIN, and More functions... A blue arrow points from the instruction to the AVERAGE option.

Click enter

The average will appear in cell A12

Step Four—Find the distance from the mean

Click in B3

Type the =

Click on A2

Type -7.7

Fill down from B2 to B11

Step Five-Change the distances to absolute values

Click on C2

Type ABS

Click on B2

Enter

Fill down

Step Six-Find the Mean Absolute Deviation

Highlight C13 to C2

Select the functions options and choose AVG (Same as Step Three)