

Name:

RACES Rubric

	5 pts	2.5 pts	0 pts
<u>R</u>	Restated the question completely.	Attempted to restate the question but was unsuccessful.	Did not attempt to restate the question.
<u>A</u>	Considered all parts of the question and answered each part accurately.	Missed part of the question OR didn't consider all parts of question OR attempted to answer but did not answer correctly.	Did not attempt to answer the question at all.
<u>C</u>	Properly cited adequate evidence from the text that supported the answer.	Evidence used either did not support the answer or was not correctly used.	Did not attempt to cite text evidence.
<u>E</u>	10pts Made a connection with the text and clearly explained how it supported your answer.	5pts Attempted to make a connection to the text and answer but was unable to explain its relationship clearly.	0pts Did not attempt to explain OR made no clear connection.
<u>S</u>	Summarized response by clearly restating question and answer.	Attempted to summarize but did not restate question or answer.	Did not attempt to summarize.
<u>SENTENCES STARTERS</u>	Properly used a Sentence Starter for each RA, C, E, S sentence.	Attempted to use sentences starters for most sentences in response.	Used only one sentence starter OR Did not attempt to use many.
<u>Underlined RACES</u>	Underlined all of RACES correctly	Underlined some of RACES correctly	Didn't Underline
<u>Mechanics</u>	Few spelling and grammar errors; correct punctuation; complete sentences	Some spelling and grammar errors; most sentences have punctuation and are complete; uses upper- and lowercase	Many spelling, grammar, and punctuation errors; sentence fragments; incorrect use of capitalization

Total: _____ / 45 points

MEAN ABSOLUTE DEVIATION

1. The mean absolute deviation tells how far away the data values are from the _____.
2. Mean absolute deviation is a measure of _____.
3. A small mean absolute deviation means that most values are _____ to the mean.
4. A large mean absolute deviation means that the data values are more _____ out.

Finding the Mean Absolute Deviation (MAD)

- ① Find the _____ of the data
- ② Find the _____ between each data value and the mean.
- ③ Find the sum of the distances in step 2.
- ④ Divide the sum in step 3 by the total number of data values.

The ages of people on a team in years are:

9, 12, 10, 8, 11

mean=10 years

Find the MAD:

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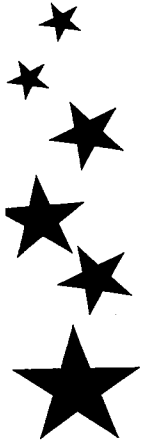
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Find the MAD:


MAD practice



You record the number of orange Fruit Loops in 8 scoops of cereal. Find the mean absolute deviation of the data:
1, 2, 2, 2, 4, 4, 4, 5

Step 1: Find the mean of the data set
Step 2: Find the distance of each value from the mean
Step 3: Find the sum of the distances
Step 4: Divide by the number of values

MAD practice



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1, 2, 2, 2, 4, 4, 4, 5

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