Name: _____

Mean Absolute Deviation

Find the mean. Then find how far each value is from the mean, and average those distances.

1. Data: 9, 19, 13, 19, 15. Find the mean and the mean absolute deviation (MAD).

   Answer: _____

2. Data: 13, 12, 17, 14. Find the mean and the mean absolute deviation (MAD).

   Answer: _____

3. Data: 8, 17, 8, 8, 4. Find the mean and the mean absolute deviation (MAD).

   Answer: _____

4. Data: 16, 16, 7, 19, 2. Find the mean and the mean absolute deviation (MAD).

   Answer: _____

5. Data: 7, 5, 3, 10, 10. Find the mean and the mean absolute deviation (MAD).

   Answer: _____

6. Data: 8, 8, 3, 14, 7. Find the mean and the mean absolute deviation (MAD).

   Answer: _____

7. Data: 6, 3, 4, 4, 2, 5. Find the mean and the mean absolute deviation (MAD).

   Answer: _____

8. Data: 9, 20, 9, 2, 20. Find the mean and the mean absolute deviation (MAD).

   Answer: _____

Name: **ANSWER KEY**

Mean Absolute Deviation

Find the mean. Then find how far each value is from the mean, and average those distances.

1. Data: 9, 19, 13, 19, 15. Find the mean and the mean absolute deviation (MAD).

   Answer: mean 15, MAD $3\frac{1}{5}$

2. Data: 13, 12, 17, 14. Find the mean and the mean absolute deviation (MAD).

   Answer: mean 14, MAD $1\frac{1}{2}$

3. Data: 8, 17, 8, 8, 4. Find the mean and the mean absolute deviation (MAD).

   Answer: mean 9, MAD $3\frac{1}{5}$

4. Data: 16, 16, 7, 19, 2. Find the mean and the mean absolute deviation (MAD).

   Answer: mean 12, MAD 6

5. Data: 7, 5, 3, 10, 10. Find the mean and the mean absolute deviation (MAD).

   Answer: mean 7, MAD $2\frac{2}{5}$

6. Data: 8, 8, 3, 14, 7. Find the mean and the mean absolute deviation (MAD).

   Answer: mean 8, MAD $2\frac{2}{5}$

7. Data: 6, 3, 4, 4, 2, 5. Find the mean and the mean absolute deviation (MAD).

   Answer: mean 4, MAD 1

8. Data: 9, 20, 9, 2, 20. Find the mean and the mean absolute deviation (MAD).

   Answer: mean 12, MAD $6\frac{2}{5}$