

6th Grade Unit 6: Lesson 29-2

Check Your Understanding (p. 384):

8. This will have a smaller MAD than the other two classes.
9. See table.
10. 3
11. Sample answer: I didn't take into account the some of the values were not as far away from the mean as in the other classes.

Lesson 29-2 Practice (p. 385):

12. MAD tells you the average distance from the observations to the mean.
13. a. A: mean = 74; B: mean = 58;
C: mean = 30
b. A: MAD = 9; B: MAD = 11;
C: MAD = 7
14. Sample answer: verification for C:

Observation	Distance from the Mean
15	15
20	10
25	5
25	5
30	0
30	0
35	5
35	5
40	10
45	15

$$\text{MAD} = \frac{70}{10} = 7$$

15. Explanations will vary. I did not take into account that some of the values were not as far away from the mean.