Compare data sets with mean absolute deviation worksheet – Grade 7

Grade 7 · Mixed level · 20 questions · **Version X6766**

Name: _____ Date: _____ Score: ___ / 20

Scan to check answers + earn stars

Done the worksheet? Scan the code (or enter version X6766 on this skill's page at themathmeridian.com) to check your answers online and earn stars.

1. Priya's darts scores have a MAD of 2.9 and Liam's have a MAD of 4.7. Whose scores are more spread out?

   A. Priya **B.** Liam

2. Omar's points per basketball game have a MAD of 3.8 and Noah's have a MAD of 5.5. Whose scores are more spread out?

   A. Omar **B.** Noah

3. Priya's minutes to run 2 km have a MAD of 1.6 and Zara's have a MAD of 3.4. Whose running times are more spread out?

   A. Priya **B.** Zara

4. Priya's minutes to run 2 km have a MAD of 1.5 and Ava's have a MAD of 4.9. Whose running times are more consistent?

   A. Priya **B.** Ava

5. Noah's points per basketball game have a MAD of 1.8 and Zara's have a MAD of 4.5. Whose scores are more consistent?

   A. Noah **B.** Zara

6. Maya's darts scores have a MAD of 3.7 and Ava's have a MAD of 1.3. Whose scores are more consistent?

   A. Maya **B.** Ava

7. Liam's minutes to run 2 km have a MAD of 5.3 and Ava's have a MAD of 4. Whose running times are more consistent?

   A. Liam **B.** Ava

8. Ava scored 29, 32, 22, 25, 32 points and Priya scored 0, 20, 5, -1, 1 points in five games. Whose scores are more consistent?

   A. Ava **B.** Priya

The Math Meridian

9. Ava scored 22, 25, 7, 25, 16 points in five games. What is the MAD of Ava's scores?

   Answer: _____

10. Priya scored 29, 27, 37, 27, 40 points in five games. What is the MAD of Priya's scores?

    Answer: _____

11. Zara scored 7, 8, 5, 4, 21 points and Noah scored 17, 5, 7, 13, 13 points in five games. Whose scores are more consistent?

    A. Zara **B.** Noah

12. Ethan scored 28, 18, 19, 28, 17 points in five games. What is the MAD of Ethan's scores?

    Answer: _____

13. Priya scored 22, 26, 17, 21, 19 points and Liam scored 36, 28, 40, 36, 30 points in five games. Whose scores are more consistent?

    A. Priya **B.** Liam

14. Zara scored 2, 8, 8, 8, 4 points in five games. What is the MAD of Zara's scores?

    Answer: _____

15. Plant group A's heights in cm: 40, 42, 34, 41, 37, 34. Plant group B's heights in cm: 43, 45, 37, 44, 40, 37. Both have the same MAD. The difference between the means is how many times the MAD?

    Answer: _____

16. Class A's quiz scores: 18, 14, 16, 12, 23, 19. Class B's quiz scores: 24, 20, 22, 18, 29, 25. Both have the same MAD. The difference between the means is how many times the MAD?

    Answer: _____

17. Team A's goals scored: 40, 25, 30, 26, 27, 32. Team B's goals scored: 46, 31, 36, 32, 33, 38. Both have the same MAD. The difference between the means is how many times the MAD?

    Answer: _____

18. Class A's quiz scores: 40, 30, 42, 46, 47, 41. Class B's quiz scores: 44, 34, 46, 50, 51, 45. Both have the same MAD. The difference between the means is how many times the MAD?

    Answer: _____

19. Team A's goals scored: 14, 22, 13, 10, 15, 10. Team B's goals scored: 17, 25, 16, 13, 18, 13. Both have the same MAD. The difference between the means is how many times the MAD?

    Answer: _____

The Math Meridian

20. Plant group A's heights in cm: 48, 45, 46, 44, 40, 47. Plant group B's heights in cm: 52, 49, 50, 48, 44, 51. Both have the same MAD. The difference between the means is how many times the MAD?

    Answer: _____

The Math Meridian

Answer key · Version X6766

Compare data sets with mean absolute deviation worksheet – Grade 7 · Grade 7 · to reprint this sheet or check the answers, enter X6766 on the skill page.

1. **B (Liam)**
2. **B (Noah)**
3. **B (Zara)**
4. **A (Priya)**
5. **A (Noah)**
6. **B (Ava)**
7. **B (Ava)**
8. **A (Ava)**
9. **6**
10. **5.2**
11. **B (Noah)**
12. **4.8**
13. **A (Priya)**
14. **2.4**
15. **1**
16. **2**
17. **1.5**
18. **1**
19. **1**
20. **2**

The Math Meridian