ZiloAcademy

✨ Grade 7 Maths — Range ✨

Name: Demo Grade 7 **Date:** 26/11/2026

1. A data set is 48, 48, 20, 28, 44, 38 (range = 28). A new value of 58 is added. What is the new range?

2. Find the range of this data set: 40, 45, 50, 18, 8, 48

3. A data set is 15, 29, 49, 25, 43, 39 (range = 34). A new value of 54 is added. What is the new range?

4. A data set is 40, 45, 44, 32, 29, 45 (range = 16). A new value of 55 is added. What is the new range?

5. A data set has a range of 33. The lowest value is 21. Some of the other values are: 27, 43, 40, 51. What is the highest possible value in the set?

6. A data set is 20, 21, 36, 27, 16, 17 (range = 20). A new value of 47 is added. What is the new range?

7. Find the range of this data set: 54, 7, 43, 48, 1, 44

8. Set A: 58, 11, 46, 20, 11, 3. Set B: 43, 50, 9, 18, 33, 49. Which set has the bigger range?

9. Set A: 12, 26, 42, 18, 30, 31. Set B: 45, 47, 16, 20, 19, 12. Which set has the bigger range?

10. A data set is 23, 29, 23, 36, 39, 47 (range = 24). A new value of 59 is added. What is the new range?