ZiloAcademy

✨ Grade 8 Maths — Statistical Investigations ✨

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

1. A data set is: 23, 122, 21, 21, 26, 29. Which value is the outlier?

2. A data set is: 91, 30, 12, 30, 14, 30. Which value is the outlier?

3. A data set is: 119, 29, 23, 24, 11, 16. If the outlier (119) is removed, what is the new mean of the remaining values?

4. A data set is: 117, 23, 13, 26, 24, 17. If the outlier (117) is removed, what is the new mean of the remaining values?

5. A data set is: 28, 85, 16, 26, 19, 23. If the outlier (85) is removed, what is the new mean of the remaining values?

6. A data set is: 105, 25, 23, 23, 29, 28. If the outlier (105) is removed, what is the new mean of the remaining values?

7. A data set is: 14, 23, 130, 28, 18, 13. Which value is the outlier?

8. A data set is: 22, 25, 96, 13, 20, 15. If the outlier (96) is removed, what is the new mean of the remaining values?

9. A data set is: 139, 29, 28, 22, 11, 11. Which value is the outlier?

10. A data set is: 14, 26, 15, 23, 117, 22. If the outlier (117) is removed, what is the new mean of the remaining values?