

WORKSHEET

Identifying Outliers

Unsolved with Answer key



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Identifying Outliers

Q 1. Identify the outliers in the following data set: 12, 15, 17, 22, 29, 150, 16, 13, 18, 19

Q 2. The test scores of 10 students are: 67, 72, 85, 78, 90, 95, 102, 81, 75, 89.

Determine if there are any outliers in this data set.

Q 3. The following weights (in kg) were recorded for a group of people: 55, 58, 62, 59, 61, 120, 60, 57, 63, 64.

Find any outliers.

Q 4. A study records the number of hours 15 students spent studying last week: 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 100, 36, 38.

Are there any outliers?

Q 5. The following temperatures (in °F) were recorded over 10 days: 68, 70, 72, 74, 75, 200, 71, 69, 73, 72.

Find the outlier.

Q 6. A dataset of exam scores (out of 100) is given as: 55, 60, 62, 65, 90, 85, 100, 67, 120, 70.

Identify the outlier.

Q 7. Given the dataset: 3, 7, 9, 12, 13, 19, 24, 29, identify any outliers using the IQR method.

Q 8. Use the Z-score method to identify any outliers in the dataset: 2, 5, 5, 8, 10, 12, 20, 28.

Answer Key

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1. 150
2. No outliers
3. 120
4. 100
5. 200
6. 120
7. No outliers
8. 28

