Name _____

Hidden Number Answer Key

1. 13
2. 12
3. 10
4. 16
5. 15
6. 20
7. 24
8. 17

Teacher's Guide

- Quick implementation: Review that mean multiplied by the number of values gives the total of the entire data set.
- Quick implementation: Have students find the required total first, add the known values, then subtract that sum from the required total.
- Differentiation: Provide the equation "Mean x Number of Values = Total" as a reference for students who need support.
- Differentiation: Let students check their missing value by finding the mean of the completed data set.
- Engagement: Turn each problem into a quick number puzzle by having students predict whether the missing value should be greater than or less than the given mean before solving.
- Extension: Have students create a five-value missing-number problem with a mean of their choice.
- Extension: Challenge students to explain why changing one known value requires the missing value to change if the mean must stay the same.

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