Name _____

Target Average Answer Key

1. 85
2. 19 points
3. 35 pages
4. 19 cm
5. 80 points
6. 9 miles

Teacher's Guide

- Quick implementation: Review that students can multiply the target mean by the total number of observations to find the required total.
- Quick implementation: Have students add the known values, then subtract that sum from the required total to find the final value.
- Differentiation: Provide the reminder: Target mean x Total number of values = Required total.
- Differentiation: For additional support, have students record the required total and known total separately before subtracting.
- Engagement: Ask students to predict whether the final value must be above or below the target mean before calculating.
- Extension: Have students check each answer by adding the final value to the data set and calculating the mean.
- Extension: Ask students to create their own target-average scenario with five known values and one missing final value.

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