Name _____

Mean Showdown Answer Key

1. Mean A: 17; Mean B: 19; Greater: Team B; By: 2 points.
2. Mean A: 30; Mean B: 32; Greater: Class B; By: 2 minutes.
3. Mean A: 81; Mean B: 85; Greater: Group B; By: 4 points.
4. Mean A: 8 thousand; Mean B: 11 thousand; Greater: Week B; By: 3 thousand steps.
5. Mean A: 5; Mean B: 7; Greater: Team B; By: 2 goals.
6. Mean A: 40; Mean B: 44; Greater: Player B; By: 4 points.

Teacher's Guide

- Quick implementation: Have students calculate each pair of means separately before comparing them.
- Quick implementation: Remind students that "by how much" means subtract the smaller mean from the greater mean.
- Differentiation: Let students write the sum and number of values beside each data set before dividing.
- Differentiation: For extra support, have students highlight the two calculated means before comparing them.
- Engagement: Before calculating, let students predict which group will have the greater mean and then check their prediction.
- Extension: Ask students to change one value so the two groups in a problem have equal means.
- Extension: Have students create two related data sets whose means differ by exactly 5.

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