Name _____

Share Balance Answer Key

1. Total: 24; Equal share: 6; Mean: 6
2. Total: 36; Equal share: 9; Mean: 9
3. Total: 40; Equal share: 8; Mean: 8
4. Total: 30; Equal share: 10; Mean: 10
5. Total: 60; Equal share: 12; Mean: 12
6. Total: 52; Equal share: 13; Mean: 13
7. Total: 60; Equal share: 10; Mean: 10
8. Total: 60; Equal share: 12; Mean: 12

Teacher's Guide

- Quick implementation: Explain that the mean tells what each group would have if the total were shared equally. Model the first problem by finding the total and dividing by the number of groups.
- Differentiation: Let students use counters, cubes, or quick drawings to physically redistribute quantities before calculating the mean.
- Differentiation: For additional support, have students circle the number of groups before dividing the total.
- Engagement: Ask students to imagine actually moving objects from groups with more to groups with fewer until every group has the same amount.
- Extension: Have students create a new set of 4 or 5 quantities with a whole-number mean, then trade sets with a partner to solve.
- Extension: After each problem, ask students to verify that multiplying the mean by the number of groups gives the original total.

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