

Estimate Showdown Answer Key

1. Exact 83. Front-end 70. Rounded 90. Closer: Rounded.
2. Exact 56. Front-end 60. Rounded 50. Closer: Front-end.
3. Exact 892. Front-end 800. Rounded 900. Closer: Rounded.
4. Exact 533. Front-end 500. Rounded 500. Closer: Tie.
5. Exact 5,699. Front-end 5,000. Rounded 5,000. Closer: Tie.
6. Exact 3,334. Front-end 3,000. Rounded 4,000. Closer: Front-end.
7. Exact 6,868. Front-end 6,000. Rounded 7,000. Closer: Rounded.
8. Exact 2,612. Front-end 3,000. Rounded 2,000. Closer: Front-end.

Teacher's Guide

- Quick implementation: Review the difference between front-end estimation and standard rounding. Students should find both estimates before comparing them with the exact answer.
- Differentiation: Let students write the adjusted numbers beneath each problem before calculating each estimate.
- Engagement: Have students predict which method will win more often before completing the worksheet, then compare the final results.
- Extension: Ask students to calculate how far each estimate is from the exact answer and use the differences to verify which method is closer.