

Name _____

Estimate Check Answer Key

1. Estimate: $2,300 + 1,600 = 3,900$. Exact: 3,933. Yes.
2. Estimate: $4,600 - 1,700 = 2,900$. Exact: 2,877. Yes.
3. Estimate: $1,800 + 2,300 = 4,100$. Exact: 4,103. Yes.
4. Estimate: $6,500 - 3,700 = 2,800$. Exact: 2,733. Yes.
5. Estimate: $3,300 + 2,600 = 5,900$. Exact: 5,893. Yes.
6. Estimate: $5,300 - 2,800 = 2,500$. Exact: 2,555. Yes.

Teacher's Guide

- Quick implementation: Model one problem by estimating first, solving exactly, and comparing the two answers. Emphasize that a close estimate helps check calculations.
- Differentiation: Provide a place-value chart for students who need help rounding. Challenge advanced students to explain how close each estimate is to the exact answer.
- Engagement: Have students act as "answer checkers" and decide whether each exact result passes the estimation check.
- Extension: Ask students to calculate the difference between each estimate and exact answer, then identify which estimate was closest.