

Name _____

Estimate Detectives Answer Key

1. Correct. $70 - 30 = 40$.
2. Incorrect. $160 - 50 = 110$.
3. Correct. $290 - 130 = 160$.
4. Correct. $500 - 200 = 300$.
5. Incorrect. $700 - 400 = 300$.
6. Correct. $1,300 - 600 = 700$.
7. Incorrect. $4,000 - 2,000 = 2,000$.
8. Correct. $9,000 - 3,000 = 6,000$.

Teacher's Guide

- Have students check the rounding of both numbers before checking the subtraction.
- Remind students that a correct estimate requires both accurate rounding and accurate subtraction.
- For students needing support, have them underline the rounding place and circle the digit immediately to its right.
- For advanced students, ask them to identify whether each mistake came from rounding or subtraction.
- Add engagement by treating each incorrect solution as a "case" students must solve.
- As an extension, students can write one correct and one incorrect estimation solution for a partner to investigate.