

Name _____

Estimate Check Answer Key

1. Estimate: $80 - 30 = 50$. Exact: 44. Yes.
2. Estimate: $180 - 70 = 110$. Exact: 117. Yes.
3. Estimate: $400 - 200 = 200$. Exact: 234. Yes.
4. Estimate: $800 - 200 = 600$. Exact: 515. Yes.
5. Estimate: $2,700 - 1,300 = 1,400$. Exact: 1,357. Yes.
6. Estimate: $7,000 - 3,000 = 4,000$. Exact: 4,324. Yes.

Teacher's Guide

- Model the process in this order: estimate, subtract exactly, then compare.
- Emphasize that an estimate does not need to equal the exact answer. It should be reasonably close.
- For students needing support, have them underline the digit in the place to which they are rounding.
- For advanced students, ask them to find the numerical difference between each estimate and exact answer.
- Build engagement by having students predict whether the estimate will be greater or less than the exact answer before calculating.
- As an extension, provide an intentionally incorrect exact answer and have students use estimation to identify why it is unreasonable.