

Estimate Inspectors Answer Key

1. Correct. $50 \times 30 = 1,500$.
2. Incorrect. $60 \times 30 = 1,800$.
3. Correct. $80 \times 50 = 4,000$.
4. Incorrect. $100 \times 40 = 4,000$.
5. Correct. $300 \times 30 = 9,000$.
6. Incorrect. $500 \times 70 = 35,000$.
7. Correct. $700 \times 50 = 35,000$.
8. Incorrect. $800 \times 70 = 56,000$.

Teacher's Guide

- Review rounding to the greatest place value before students begin.
- Encourage students to check the rounding and multiplication separately so they can locate each error.
- For extra support, have students write the correctly rounded factors before deciding on a verdict.
- For differentiation, ask advanced students to label each incorrect response as a rounding error or multiplication error.
- Add engagement by treating each problem as a short "case" students must solve correctly.
- As an extension, have students write one correct and one incorrect estimation example for a partner to investigate.