

Name _____

Compatible Clues Answer Key

1. $40 \times 20 = 800$ seats
2. $1,200 \div 30 = 40$ cookies
3. $50 \times 100 = 5,000$ sheets
4. $1,800 \div 60 = 30$ oranges
5. $80 \times 50 = 4,000$ seats
6. $2,400 \div 40 = 60$ markers
7. $30 \times 20 = 600$ bottles
8. $3,200 \div 80 = 40$ bookmarks

Teacher's Guide

- Quick implementation: Review that compatible numbers are nearby numbers chosen because they are easy to calculate mentally. Model one multiplication and one division example first.
- Differentiation: Give struggling students one compatible number and ask them to choose the other. Allow reasonable alternative estimates when students select different compatible numbers.
- Engagement: Challenge students to find the compatible numbers for each problem before completing any calculations.
- Extension: Have students solve two problems exactly and compare each exact answer with its estimate.