

Name _____

Leading Digit Sums Answer Key

1. $400 + 300 = 700$
2. $700 + 200 = 900$
3. $500 + 800 = 1,300$
4. $2,000 + 4,000 = 6,000$
5. $5,000 + 3,000 = 8,000$
6. $1,000 + 6,000 = 7,000$
7. $7,000 + 2,000 = 9,000$
8. $4,000 + 3,000 = 7,000$

Teacher's Guide

- Quick implementation: Model the example first. Emphasize keeping the first digit at its place value and changing all following digits to zeros.
- Differentiation: Begin with three-digit numbers for students who need support. Let advanced students estimate sums with three addends.
- Engagement: Have students complete the problems mentally, then compare their estimates with a partner.
- Extension: Ask students to find each exact sum and determine how much greater it is than the front-end estimate.