

Name _____

Friendly Sum Swap Answer Key

Sample friendly-number estimates:

1. $50 + 70 = 120$
2. $100 + 200 = 300$
3. $250 + 350 = 600$
4. $400 + 200 = 600$
5. $500 + 700 = 1,200$
6. $1,000 + 2,000 = 3,000$
7. $2,500 + 3,500 = 6,000$
8. $4,100 + 2,900 = 7,000$

Other reasonable friendly-number estimates may be accepted.

Teacher's Guide

- Quick implementation: Explain that friendly numbers are nearby values chosen because they are easier to add mentally. Model the example before students begin.
- Differentiation: Suggest friendly numbers for students who need support. Allow advanced students to choose their own friendly numbers and justify their choices.
- Engagement: Have partners compare their friendly numbers. Discuss how different choices can produce different but reasonable estimates.
- Extension: Students can calculate each exact sum and decide how close their friendly-number estimate is to the exact answer.