

Sum Snapshots Answer Key

1. $0 + 1 \approx 1$
2. $1/2 + 1 \approx 1 1/2$
3. $1/2 + 0 \approx 1/2$
4. $1/2 + 1 \approx 1 1/2$
5. $1 + 2 1/2 \approx 3 1/2$
6. $4 + 1 1/2 \approx 5 1/2$
7. $2 1/2 + 5 \approx 7 1/2$
8. $5 1/2 + 2 \approx 7 1/2$

Teacher's Guide

- Quick implementation: Review how fractions and fractional parts can be rounded to 0, $1/2$, or 1. Students should round both addends before adding.
- Differentiation: For support, allow students to use a number line marked in halves. For a challenge, ask students to compare an estimated sum with the exact sum.
- Engagement: Have students circle the problem they think will produce the largest estimated sum before solving, then check their prediction.
- Extension: Ask students to create two addition problems whose rounded values produce an estimated sum of exactly $4 1/2$.