

Decimal Finale Answer Key

1. 8.32
2. 5.55
3. 9
4. 8
5. 4
6. 5.6
7. Estimate: 10; Exact: 10.09
8. Operations: Subtraction, then addition; Answer: 16.35 L
9. Mistake: The division was done incorrectly. $8.4 \div 2.1 = 4$, then $4 + 2 = 6$.
Correct answer: 6
10. $(4 \times 3.45) - 2.50 = \11.30
11. $2.75 + 3.4 + 4.15 = 10.3$; $12.0 - 10.3 = 1.7$ km
12. $15.6 - (2.4 \times 5) = 3.6$ kg

Teacher's Guide

- Use this worksheet as a review before a quiz or as an end-of-unit assessment.
- Encourage students to identify the required operation before beginning each problem.
- Remind students to estimate answers when appropriate to check for reasonableness.
- Have students explain the error analysis problem in complete sentences to strengthen mathematical reasoning.
- Allow students to compare strategies with a partner after completing the worksheet.
- Extend learning by asking students to write one mixed-operation decimal problem that includes at least two operations and exchange it with a classmate.