

Error Hunters Answer Key

- Mistake: Decimal addition error. Correct: $6.75 + 2.40 = 9.15$ km
- Mistake: Subtraction error. Correct: $8.5 - 3.75 = 4.75$ L
- Mistake: Multiplication error. Correct: $2.35 \times 4 = 9.40$ kg
- Mistake: Used multiplication instead of division. Correct: $15.6 \div 6 = 2.6$ m
- Mistake: Used addition instead of multiplication. Correct: $3.45 \times 3 = \$10.35$
- Mistake: Subtraction error. Correct: $20.0 - 12.8 = 7.2$ km
- Mistake: Used addition instead of multiplication. Correct: $1.25 \times 5 = 6.25$ L
- Mistake: Division calculation error. Correct: $9.6 \div 8 = 1.2$ kg

Teacher's Guide

- Encourage students to identify whether the mistake is choosing the wrong operation or making a computation error.
- Remind students to reread the story problem before checking the math.
- Ask students to explain their corrections using complete mathematical sentences.
- Pair students to discuss how they found each mistake before solving it correctly.
- Challenge advanced students to create their own incorrect solution for a partner to analyze.
- Extend the activity by having students classify each error as an operation error, decimal computation error, or place value error.