

Solve Smart Answer Key

- 1) Important information: 3.75 L, 2.45 L, used 1.8 L
Operation(s): Addition, subtraction
Equation: $(3.75 + 2.45) - 1.8$
Solution: 4.4 L
Check: Yes
- 2) Important information: 24.8 kg, 8 containers, 0.6 kg used from each
Operation(s): Division, subtraction
Equation: $(24.8 \div 8) - 0.6$
Solution: 2.5 kg
Check: Yes
- 3) Important information: \$85.00, \$24.75, 3 lunches at \$8.40 each
Operation(s): Multiplication, addition, subtraction
Equation: $85.00 - (24.75 + 3 \times 8.40)$
Solution: \$35.05
Check: Yes

Teacher's Guide

- Model how to complete the organizer using the first problem before students work independently.
- Encourage students to identify the important information before selecting any operations.
- Remind students to write an equation before calculating to reinforce mathematical reasoning.
- Pair students to compare organizers and discuss why they chose each operation.
- Have students estimate each answer before solving to help verify the final result.
- Extend the lesson by asking students to write their own multi-step decimal word problem and exchange organizers with a classmate.