

Decimal Challenge Answer Key

- 1) $2.85 + 4.6 = 7.45$ km
- 2) $18.5 - 7.85 = 10.65$ L
- 3) $2.4 \times 5 = 12$ kg
- 4) Estimate: 10 km. Exact: 10.1 km
- 5) Operation: Division ($\div$). $16.8 \div 8 = 2.1$ kg
- 6) $\$50.00 - (\$18.75 + \$9.40 + \$7.85) = \$13.00$
- 7) $125.8 + 94.6 + 36.4 = 256.8$ km

Teacher's Guide

- Review the four decimal operations before students begin and encourage them to identify the operation before calculating.
- Remind students to estimate answers when appropriate to check that their final answers are reasonable.
- Encourage students to label every answer with the correct unit or dollar sign.
- Support students by allowing them to organize information with equations or simple bar models before solving.
- Have partners compare strategies and explain why they selected a particular operation for each problem.
- Extend the lesson by asking students to write one original decimal word problem that includes at least two operations and exchange it with a classmate to solve.