

Model Moves Answer Key

1. Equation: $2.45 + 1.8 = 4.25$. Answer: 4.25 m
2. Equation: $9.6 - 3.25 = 6.35$. Answer: 6.35 L
3. Equation: $1.35 \times 5 = 6.75$. Answer: 6.75 kg
4. Equation: $14.4 \div 6 = 2.4$. Answer: 2.4 L
5. Equation: $4.75 + 2.6 = 7.35$. Answer: 7.35 kg
6. Equation: $8.9 - 2.45 = 6.45$. Answer: 6.45 m

Teacher's Guide

- Model how each bar represents the quantities in the story before writing an equation.
- Encourage students to label every part of the bar model with units.
- Support students by discussing whether the model shows combining, comparing, equal groups, or equal sharing.
- Have partners compare bar models before solving to check for accurate representations.
- Challenge advanced students to draw a different bar model that represents the same problem correctly.
- Extend the lesson by asking students to write their own decimal word problem and create a matching bar model for a classmate to solve.