

Decimal Measurements Answer Key

1. 8.4 m²
2. 11 km
3. 7.56 m²
4. 3.9 L
5. 10 km
6. 3.6 m²
7. 7.65 m
8. 1.4 m²

Teacher's Guide

- Review when multiplication is used to find area and repeated measurements.
- Encourage students to estimate before calculating to check if their answers are reasonable.
- Remind students to include the correct units. Area uses square units, while distance and capacity use linear units.
- Provide grid paper or rectangle drawings for students who benefit from visual models of area.
- Have pairs compare strategies and explain why multiplication is the correct operation for each problem.
- Challenge students to write one additional measurement problem using decimal values and solve it.
- Extend learning by asking students to measure a classroom object with decimal measurements and calculate its area or total length in a real-world context.