

Measure Mysteries Answer Key

1. Reasonable.
2. Unreasonable. About 2 m tall.
3. Reasonable.
4. Unreasonable. About 500 mL.
5. Reasonable.
6. Unreasonable. About 3 cm long.
7. Reasonable.
8. Unreasonable. About 150 L.

Teacher's Guide

- Have students consider both the number and the unit when judging each estimate.
- Review familiar benchmarks for length, mass, and capacity before beginning.
- For support, let students first identify what type of measurement each statement describes.
- For differentiation, provide rulers or familiar containers so students can visualize selected measurements.
- Increase engagement by having students act as "measurement detectives" and explain what makes each incorrect estimate unrealistic.
- As an extension, have students write two believable and two unreasonable measurement estimates for classmates to check.