

Decimal Model Quest Answer Key

1. 5.731. Hundredths. 0.03.
2. 8.206. Thousandths. 0.006.
3. 1.948. Tenths. 0.9.
4. 6.052. Hundredths. 0.05.
5. 3.814. Tenths. 0.8.
6. 9.160. Hundredths. 0.06.
7. 2.475. Hundredths. 0.07.
8. 0.693. Hundredths. 0.09.

Teacher's Guide

- Review how base-ten models represent ones, tenths, hundredths, and thousandths before students begin.
- Encourage students to sketch a quick place value chart if they need help organizing the digits.
- For students needing support, provide physical base-ten blocks, decimal strips, or hundred grids to build each model.
- Have partners compare decimals and explain why each digit belongs in its place.
- Challenge advanced learners to draw their own decimal model and write clues for a classmate.
- Extend the activity by asking students to write each decimal in expanded form after completing the worksheet.