

Digit Decisions Answer Key

1. Ones 7, Tenths 4, Hundredths 8, Thousandths 6, Rounded: 7.5
2. Ones 3, Tenths 2, Hundredths 5, Thousandths 4, Rounded: 3.25
3. Ones 9, Tenths 6, Hundredths 7, Thousandths 2, Rounded: 9.7
4. Ones 5, Tenths 8, Hundredths 0, Thousandths 5, Rounded: 5.81
5. Ones 1, Tenths 3, Hundredths 4, Thousandths 9, Rounded: 1.3
6. Ones 8, Tenths 9, Hundredths 9, Thousandths 3, Rounded: 8.99
7. Ones 4, Tenths 1, Hundredths 5, Thousandths 1, Rounded: 4.2
8. Ones 6, Tenths 4, Hundredths 4, Thousandths 5, Rounded: 6.45
9. Ones 2, Tenths 7, Hundredths 8, Thousandths 1, Rounded: 2.8
10. Ones 0, Tenths 1, Hundredths 2, Thousandths 6, Rounded: 0.13

Teacher's Guide

- Review the place value chart before beginning and have students read each decimal aloud.
- Remind students to identify the target place first, then check only the digit immediately to its right.
- Provide a completed place value chart as a reference for students who need additional support.
- Have partners compare charts before discussing the rounded answers.
- Challenge advanced students to write a different decimal that rounds to each answer in the worksheet.
- Extend the activity by having students create their own place value chart problem for a classmate to solve.