

Name _____

Mystery Digits Answer Key

1. Tenths, 0.4
2. Hundredths, 0.09
3. Thousandths, 0.003
4. Ones, 6
5. Tenths, 0.0
6. Hundredths, 0.02
7. Hundredths, 0.08
8. Thousandths, 0.000
9. Tenths, 0.9
10. Hundredths, 0.05
11. Thousandths, 0.004
12. Ones, 7

Teacher's Guide

- Review the names of the decimal places before students begin.
- Encourage students to say each number aloud and identify places from left to right.
- Provide a place value chart for students who need additional support.
- Ask partners to explain why the same digit can have different values in different numbers.
- Turn the activity into a class challenge by asking volunteers to create a decimal and have classmates identify the highlighted digit's place and value.
- Extend learning by having students write a new decimal where a chosen digit has a different place value and compare the two values.