

Value Clues Answer Key

1. 4.82; $4 + 0.8 + 0.02$
2. 25.6; $20 + 5 + 0.6$
3. 7.104; $7 + 0.1 + 0.004$
4. 39.05; $30 + 9 + 0.05$
5. 18.307; $10 + 8 + 0.3 + 0.007$
6. 62.91; $60 + 2 + 0.9 + 0.01$
7. 5.263; $5 + 0.2 + 0.06 + 0.003$
8. 94.085; $90 + 4 + 0.08 + 0.005$
9. 1.79; $1 + 0.7 + 0.09$
10. 43.261; $40 + 3 + 0.2 + 0.06 + 0.001$

Teacher's Guide

- Begin with a quick review of ones, tenths, hundredths, and thousandths using a place value chart.
- Encourage students to write each digit in the correct place before writing the complete decimal.
- Provide a blank place value chart for students who need extra support organizing the clues.
- Have students explain why omitted place values are represented with zeroes when needed.
- Let pairs compare answers and discuss how the clues translate into standard and expanded forms.
- Extend the activity by asking students to write their own place value clues for a partner to solve.