

Name _____

Place Value Pieces Answer Key

1. $4 + 0.2 + 0.07$
2. $8 + 0.5 + 0.006$
3. $10 + 5 + 0.4 + 0.03$
4. $9 + 0.08 + 0.001$
5. $30 + 2 + 0.7 + 0.009$
6. $6 + 0.1 + 0.02 + 0.005$
7. $40 + 0.9 + 0.08$
8. $10 + 7 + 0.3 + 0.004$
9. $50 + 3 + 0.6 + 0.02$
10. $2 + 0.4 + 0.01 + 0.005$
11. $80 + 1 + 0.09$
12. $10 + 9 + 0.8 + 0.07$

Teacher's Guide

- Have students underline each digit before writing its value in expanded form.
- Encourage students to say each place value aloud, such as "tenths," "hundredths," and "thousandths."
- For students who need support, provide a place value chart to help identify each digit's value.
- Challenge advanced students to write each number in both expanded form and word form.
- Let pairs compare answers and explain why any zero digits are not written as separate addends.
- Ask students to create three decimal numbers of their own and trade with a partner to expand.