

Decimal Trio Answer Key

1. Expanded: $6 + 0.4 + 0.08$
Word: Six and forty-eight hundredths
2. Standard: 25.74
Word: Twenty-five and seventy-four hundredths
3. Standard: 9.305
Expanded: $9 + 0.3 + 0.005$
4. Expanded: $10 + 3 + 0.09$
Word: Thirteen and nine hundredths
5. Standard: 48.006
Word: Forty-eight and six thousandths
6. Standard: 52.6
Expanded: $50 + 2 + 0.6$
7. Expanded: $7 + 0.1 + 0.02 + 0.005$
Word: Seven and one hundred twenty-five thousandths
8. Standard: 14.231
Word: Fourteen and two hundred thirty-one thousandths

Teacher's Guide

- Review the meaning of standard form, expanded form, and word form before students begin.
- Encourage students to identify the greatest place value first, then work from left to right.
- Provide a place value chart for students who need additional support converting between forms.
- Have students explain to a partner how they determined the word form for each decimal.
- Challenge advanced students to write an additional decimal and represent it in all three forms.
- As a quick review, ask students to circle the place value of the last digit in each decimal and name it aloud.