

Visual Values Answer Key

1. Standard: 2.43
Expanded: $2 + 0.4 + 0.03$
2. Standard: 1.86
Expanded: $1 + 0.8 + 0.06$
3. Standard: 3.29
Expanded: $3 + 0.2 + 0.09$
4. Standard: 5.71
Expanded: $5 + 0.7 + 0.01$
5. Standard: 4.58
Expanded: $4 + 0.5 + 0.08$
6. Standard: 6.94
Expanded: $6 + 0.9 + 0.04$
7. Standard: 7.35
Expanded: $7 + 0.3 + 0.05$
8. Standard: 9.17
Expanded: $9 + 0.1 + 0.07$

Teacher's Guide

- Provide students with hundred grids, base-ten blocks, or decimal strips to build each model before writing the numbers.
- Remind students that one whole represents 1, each tenth strip represents 0.1, and each small square represents 0.01.
- Support students by having them label the whole, tenths, and hundredths before writing the decimal.
- Let partners compare visual models and explain how each model matches the decimal and expanded form.
- Challenge advanced students to draw their own visual model and have a classmate identify the standard and expanded forms.
- Extend the activity by asking students to write the word form for each decimal after completing the chart.