

Everyday Decimals Answer Key

1. Expanded: $10 + 2 + 0.4 + 0.05$
Underlined digit value: 0.05
2. Expanded: $3 + 0.7 + 0.02$
Underlined digit value: 0.02
3. Expanded: $9 + 0.8 + 0.03 + 0.004$
Underlined digit value: 0.8
4. Expanded: $40 + 5 + 0.1 + 0.006$
Underlined digit value: 0
5. Expanded: $60 + 8 + 0.5 + 0.02$
Underlined digit value: 0.5
6. Expanded: $1 + 0.2 + 0.07 + 0.005$
Underlined digit value: 0.2
7. Expanded: $20 + 7 + 0.09$
Underlined digit value: 0.09
8. Expanded: $50 + 4 + 0.3 + 0.01 + 0.008$
Underlined digit value: 4

Teacher's Guide

- Review the meaning of each place value before students begin the activity.
- Encourage students to identify the place of the underlined digit before finding its value.
- Provide a place value chart for students who need additional support.
- Ask students to explain why a zero digit sometimes has a value of zero but still holds an important place.
- Invite students to share other real-world examples of decimals, such as prices, measurements, or sports statistics.
- Extend the lesson by having students write a real-world decimal, expand it, and ask a partner to identify the value of a selected digit.