

Rounding Choices Answer Key

1. Down. Tenths is 3, hundredths is 6 (5 or more). Rounded: 7.4
2. Down. Thousandths digit is 2 (less than 5). Rounded: 5.78
3. Down. Tenths digit is 4 (less than 5). Rounded: 9
4. Up. Thousandths digit is 5 (5 or more). Rounded: 2.65
5. Down. Hundredths digit is 4 (less than 5). Rounded: 14.2
6. Up. Tenths digit is 9 (5 or more). Rounded: 9
7. Up. Thousandths digit is 6 (5 or more). Rounded: 0.13
8. Up. Tenths digit is 8 (5 or more). Rounded: 4
9. Up. Hundredths digit is 7 (5 or more). Rounded: 6.6
10. Down. Thousandths digit is 4 (less than 5). Rounded: 11.43

Teacher's Guide

- Model one problem by identifying the target place and checking the digit immediately to its right before deciding whether to round up or down.
- Accept brief explanations such as "The next digit is 5 or more" or "The next digit is less than 5."
- Support struggling students by highlighting the target digit and circling the deciding digit.
- Have partners compare their explanations, not just their answers, to reinforce reasoning.
- Challenge advanced students to write a decimal that would round the opposite way for each target place.
- Extend the lesson by asking students to explain why only one digit determines whether a number rounds up or down.