

Rounding Repairs Answer Key

1. Mistake: Hundredths digit is 7, so the tenths digit should round up.
Correct answer: 6.5
2. Mistake: Rounded to the wrong place value. Correct answer: 8.35
3. Mistake: Tenths digit is 5, so round up. Correct answer: 13
4. Mistake: Thousandths digit is 4, so the hundredths digit stays the same.
Correct answer: 4.80
5. Mistake: Hundredths digit is 9, so the tenths digit rounds up. Correct answer: 7.2
6. Mistake: Thousandths digit is 6, so the hundredths digit rounds up.
Correct answer: 0.95
7. Mistake: Hundredths digit is 4, so the tenths digit stays the same.
Correct answer: 15.2
8. Mistake: Tenths digit is 9, so round up to the next whole number. Correct answer: 10
9. Mistake: Rounded to the wrong place value. Correct answer: 2.76
10. Mistake: Tenths digit is 4, so do not round up. Correct answer: 5

Teacher's Guide

- Model one example by identifying the target place and the deciding digit before discussing the mistake.
- Encourage students to explain errors using place value language instead of simply stating the correct answer.
- Pair students to compare explanations and decide which is the clearest.
- Provide a place value chart for students who need additional support with identifying decimal places.
- Challenge advanced students to create two incorrect rounding examples for a partner to correct.
- Extend the lesson by discussing which mistakes are most common and how checking the digit to the right helps avoid them.