

Decimal Decisions Answer Key

1. True
2. False. Correct: $7.08 < 7.8$. Since $7.8 = 7.80$, 80 hundredths is greater than 8 hundredths.
3. True
4. True
5. False. Correct: $5.109 < 5.19$. Since $5.19 = 5.190$, 190 thousandths is greater than 109 thousandths.
6. True
7. True
8. False. Correct: $3.90 = 3.900$. Trailing zeros do not change the value of a decimal.

Teacher's Guide

- Review that decimals are compared from left to right using place value.
- Remind students that trailing zeros to the right of the last nonzero digit do not change a decimal's value.
- Encourage students to explain why a statement is true or false instead of only correcting it.
- Support students by having them align decimals by place value before comparing.
- Have partners discuss one false statement and defend the correct comparison using mathematical vocabulary.
- Extend the lesson by asking students to write two true comparison statements and two false comparison statements for a classmate to evaluate.