

Error Hunt Paths Answer Key

1. $4.08 < 4.8$. Since $4.8 = 4.80$, 4.80 is greater than 4.08.
2. $0.456 > 0.455$. The thousandths digit 6 is greater than 5.
3. Correct order: 2.305, 2.35, 2.39, 2.4.
4. $7.120 = 7.12$, but 7.102 is smaller. Correct: $7.120 = 7.12 > 7.102$.
5. Correct order: 5.8, 5.18, 5.108, 5.08.
6. $9.601 < 9.610$, so $9.601 < 9.61$ is correct. There is no mistake in the student's answer.
7. Correct order: 1.09, 1.099, 1.100, 1.101.
8. $3.275 < 3.28$. Since $3.28 = 3.280$, 280 thousandths is greater than 275 thousandths.

Teacher's Guide

- Review that trailing zeros do not change a decimal's value before students begin.
- Encourage students to compare decimals one place value at a time from left to right.
- Have students explain their reasoning using place value vocabulary such as tenths, hundredths, and thousandths.
- Pair students to discuss each error before sharing answers with the class.
- Ask students to identify which problem had no error and explain why it was already correct.
- Extend the lesson by having students create their own incorrect comparison or ordering problem for a partner to analyze and correct.