

Denominator Detective Answer Key

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|------|-------|
| 1. > | 9. > |
| 2. < | 10. > |
| 3. < | 11. > |
| 4. < | 12. < |
| 5. < | 13. > |
| 6. > | 14. > |
| 7. < | 15. < |
| 8. > | |

Teacher's Guide

- Quick implementation tips
 - o Remind students that the numerators are the same in every problem.
 - o Ask students to compare the denominators before choosing a symbol.
 - o Reinforce the rule that when numerators are equal, the fraction with the smaller denominator is greater.
- Differentiation strategies
 - o Use fraction circles or strips to demonstrate why larger denominators mean smaller pieces.
 - o Have students sketch simple models for any problems they find challenging.
 - o Pair students so they can explain their reasoning to each other before checking answers.
- Engagement ideas
 - o Play "Greater or Smaller?" by reading each pair aloud while students hold up <, >, or = cards.
 - o Ask volunteers to explain one comparison without calculating.
- Extension activities
 - o Ask students to order four fractions with the same numerator from least to greatest.
 - o Challenge students to write a rule explaining how denominators affect the size of fractions when the numerators are equal.