

Rounding Case Files Answer Key

1. Correct.
2. Incorrect. $5/12 \approx 1/2$.
3. Correct.
4. Incorrect. $2/7 \approx 0$.
5. Correct.
6. Incorrect. $3/4 \approx 1$.
7. Correct.
8. Incorrect. $11/12 \approx 1$.

Teacher's Guide

- Quick implementation: Review 0, $1/2$, and 1 as benchmarks. Ask students to focus on which benchmark is closest, not simply whether the fraction is above or below $1/2$.
- Differentiation: For support, let students place difficult fractions on a 0 to 1 number line. For a challenge, require a short explanation for each incorrect answer.
- Engagement: Present each item as a detective case. Students can keep a tally of how many fictional students made a rounding mistake.
- Extension: Have students create two new case files, one with a correct rounding statement and one with an incorrect statement for a classmate to investigate.