

Name _____

Simplify Check Answer Key

1. Yes, $\frac{3}{5}$
2. No, $\frac{1}{3}$
3. Yes, $\frac{7}{9}$
4. No, $\frac{2}{3}$
5. Yes, $\frac{8}{11}$
6. No, $\frac{2}{3}$
7. Yes, $\frac{5}{8}$
8. No, $\frac{1}{3}$
9. No, $\frac{7}{8}$
10. Yes, $\frac{11}{13}$
11. No, $\frac{3}{4}$
12. Yes, $\frac{15}{16}$

Challenge: Answers will vary. Example: "I knew $\frac{12}{18}$ was not in simplest form because both numbers can be divided by 6."

Teacher's Guide

- Review that a fraction is in simplest form only when the numerator and denominator have no common factors greater than 1.
- Encourage students to check divisibility by 2, 3, 5, and other common factors before deciding.
- Support students by providing a factor chart or multiplication table as a reference.
- Increase engagement by having students explain their reasoning to a partner before revealing the answers.
- Extend learning by asking students to write four new fractions, with two already in simplest form and two that can be simplified, then trade with a classmate to solve.