

Name _____

Sort And Simplify Answer Key

Already Simplified:

- $\frac{3}{5}$
- $\frac{7}{8}$
- $\frac{9}{10}$
- $\frac{5}{6}$
- $\frac{11}{12}$
- $\frac{13}{17}$

Needs Simplifying:

- $\frac{4}{12} \rightarrow \frac{1}{3}$
- $\frac{10}{15} \rightarrow \frac{2}{3}$
- $\frac{12}{18} \rightarrow \frac{2}{3}$
- $\frac{14}{21} \rightarrow \frac{2}{3}$
- $\frac{16}{20} \rightarrow \frac{4}{5}$
- $\frac{18}{24} \rightarrow \frac{3}{4}$

Teacher's Guide

- Review that a fraction is in simplest form when the numerator and denominator have no common factor greater than 1.
- Encourage students to decide which category each fraction belongs to before doing any calculations.
- Support students by providing a factor chart or multiplication table for finding common factors.
- Increase engagement by having pairs compare their sorting choices before checking the simplified answers.
- Extend learning by asking students to create four new fractions, with two already simplified and two that need simplifying, then exchange with a partner.