

Name _____

Fraction Transformation Answer Key

Original Fractions	Common Denominator	Equivalent Fractions	Difference	Simplest Form
1. $\frac{3}{4} - \frac{1}{6}$	12	$\frac{9}{12} - \frac{2}{12}$	$\frac{7}{12}$	$\frac{7}{12}$
2. $\frac{5}{8} - \frac{1}{2}$	8	$\frac{5}{8} - \frac{4}{8}$	$\frac{1}{8}$	$\frac{1}{8}$
3. $\frac{7}{10} - \frac{1}{5}$	10	$\frac{7}{10} - \frac{2}{10}$	$\frac{5}{10}$	$\frac{1}{2}$
4. $\frac{5}{9} - \frac{1}{3}$	9	$\frac{5}{9} - \frac{3}{9}$	$\frac{2}{9}$	$\frac{2}{9}$
5. $\frac{11}{12} - \frac{1}{8}$	24	$\frac{22}{24} - \frac{3}{24}$	$\frac{19}{24}$	$\frac{19}{24}$
6. $\frac{2}{5} - \frac{1}{6}$	30	$\frac{12}{30} - \frac{5}{30}$	$\frac{7}{30}$	$\frac{7}{30}$
7. $\frac{7}{15} - \frac{1}{10}$	30	$\frac{14}{30} - \frac{3}{30}$	$\frac{11}{30}$	$\frac{11}{30}$
8. $\frac{5}{6} - \frac{3}{8}$	24	$\frac{20}{24} - \frac{9}{24}$	$\frac{11}{24}$	$\frac{11}{24}$

Teacher's Guide

- Model how to complete one row before students begin the rest of the table.
- Encourage students to fill in each column from left to right instead of skipping steps.
- Provide a multiplication chart or list of common multiples for students who need support finding the least common denominator.
- Have pairs compare only the Common Denominator and Equivalent Fractions columns before checking the final answers.
- Ask students to explain why some differences need to be simplified while others do not.
- Challenge early finishers to create one additional row for the table using their own pair of unlike fractions.