Subtracting Fractions (Unlike Denominators) – Practice Set 1

Instructions: Find a common denominator, subtract the numerators, then *simplify*. (All problems are non-negative.)

$\frac{3}{4} - \frac{1}{6} =$	$\frac{5}{8} - \frac{1}{4} =$	$\frac{7}{10} - \frac{2}{5} =$	$\frac{5}{12} - \frac{1}{3} =$
$\frac{2}{3} - \frac{1}{6} =$	$\frac{7}{9} - \frac{1}{3} =$	$\frac{5}{6} - \frac{1}{8} =$	$\frac{4}{5} - \frac{2}{15} =$
$\frac{5}{7} - \frac{1}{14} =$	$\frac{3}{5} - \frac{1}{10} =$	$\frac{7}{12} - \frac{1}{6} =$	$\frac{5}{9} - \frac{1}{18} =$
$\frac{4}{7} - \frac{1}{14} =$	$\frac{8}{9} - \frac{1}{6} =$	$\frac{11}{12} - \frac{1}{8} =$	$\frac{5}{8} - \frac{1}{12} =$
$\frac{7}{15} - \frac{1}{5} =$	$\frac{9}{10} - \frac{1}{4} =$	$\frac{13}{18} - \frac{2}{9} =$	$\frac{5}{6} - \frac{1}{3} =$
$\frac{7}{8} - \frac{1}{16} =$	$\frac{3}{4} - \frac{1}{12} =$	$\frac{5}{12} - \frac{1}{8} =$	$\frac{4}{9} - \frac{1}{18} =$
$\frac{11}{12} - \frac{1}{3} =$	$\frac{7}{10} - \frac{1}{20} =$	$\frac{5}{14} - \frac{1}{7} =$	$\frac{3}{8} - \frac{1}{16} =$

Subtracting Fractions (Unlike Denominators) – Practice Set 2

Instructions: Subtract and simplify. Convert to simplest form.

$\frac{5}{6} - \frac{1}{9} =$ $\frac{7}{8} - \frac{1}{3} =$ $\frac{9}{10} - \frac{1}{5} =$ $\frac{11}{12} - \frac{1}{6} =$

$\frac{4}{5} - \frac{1}{10} =$ $\frac{3}{4} - \frac{1}{8} =$ $\frac{7}{9} - \frac{1}{9} =$ $\frac{5}{7} - \frac{2}{21} =$

$\frac{2}{3} - \frac{1}{4} =$ $\frac{5}{8} - \frac{1}{16} =$ $\frac{7}{12} - \frac{1}{4} =$ $\frac{5}{6} - \frac{1}{12} =$

$\frac{5}{9} - \frac{1}{6} =$ $\frac{8}{15} - \frac{1}{5} =$ $\frac{7}{10} - \frac{1}{20} =$ $\frac{13}{18} - \frac{1}{6} =$

$\frac{3}{5} - \frac{1}{15} =$ $\frac{4}{7} - \frac{1}{14} =$ $\frac{6}{11} - \frac{1}{22} =$ $\frac{5}{12} - \frac{1}{3} =$

$\frac{7}{16} - \frac{1}{8} =$ $\frac{9}{20} - \frac{1}{5} =$ $\frac{11}{24} - \frac{1}{6} =$ $\frac{13}{21} - \frac{1}{7} =$

$\frac{5}{14} - \frac{1}{28} =$ $\frac{7}{18} - \frac{1}{9} =$ $\frac{5}{12} - \frac{1}{12} =$ $\frac{3}{10} - \frac{1}{20} =$

Subtracting Fractions (Unlike Denominators) – Practice Set 3

Instructions: Subtract and simplify.

$\frac{7}{12} - \frac{1}{8} =$ $\frac{5}{9} - \frac{1}{6} =$ $\frac{4}{7} - \frac{1}{14} =$ $\frac{3}{5} - \frac{1}{10} =$

$\frac{5}{8} - \frac{1}{4} =$ $\frac{7}{10} - \frac{2}{25} =$ $\frac{9}{14} - \frac{1}{7} =$ $\frac{11}{18} - \frac{1}{9} =$

$\frac{8}{9} - \frac{1}{3} =$ $\frac{5}{6} - \frac{1}{4} =$ $\frac{7}{15} - \frac{1}{5} =$ $\frac{13}{20} - \frac{1}{10} =$

$\frac{3}{4} - \frac{1}{6} =$ $\frac{5}{7} - \frac{1}{21} =$ $\frac{11}{12} - \frac{1}{8} =$ $\frac{7}{8} - \frac{1}{16} =$

$\frac{5}{12} - \frac{1}{6} =$ $\frac{4}{9} - \frac{1}{18} =$ $\frac{7}{9} - \frac{1}{18} =$ $\frac{10}{11} - \frac{1}{22} =$

$\frac{9}{10} - \frac{1}{20} =$ $\frac{11}{12} - \frac{1}{3} =$ $\frac{6}{7} - \frac{2}{21} =$ $\frac{5}{6} - \frac{1}{12} =$

$\frac{7}{16} - \frac{1}{8} =$ $\frac{9}{20} - \frac{1}{4} =$ $\frac{11}{24} - \frac{1}{12} =$ $\frac{13}{21} - \frac{1}{3} =$

Subtracting Fractions (Unlike Denominators) – Practice Set 4

Instructions: Subtract and simplify. Use LCMs to find common denominators.

$\frac{5}{6} - \frac{1}{8} =$	$\frac{7}{9} - \frac{1}{6} =$	$\frac{3}{4} - \frac{1}{12} =$	$\frac{5}{8} - \frac{1}{10} =$
$\frac{7}{12} - \frac{1}{3} =$	$\frac{9}{10} - \frac{1}{5} =$	$\frac{11}{12} - \frac{1}{4} =$	$\frac{13}{14} - \frac{1}{7} =$
$\frac{4}{5} - \frac{1}{25} =$	$\frac{5}{7} - \frac{1}{14} =$	$\frac{6}{11} - \frac{1}{22} =$	$\frac{7}{15} - \frac{1}{5} =$
$\frac{8}{9} - \frac{1}{18} =$	$\frac{5}{6} - \frac{1}{3} =$	$\frac{7}{8} - \frac{1}{16} =$	$\frac{9}{10} - \frac{1}{20} =$
$\frac{11}{18} - \frac{1}{9} =$	$\frac{13}{20} - \frac{3}{10} =$	$\frac{5}{12} - \frac{1}{4} =$	$\frac{7}{10} - \frac{1}{2} =$
$\frac{3}{5} - \frac{1}{15} =$	$\frac{4}{7} - \frac{1}{21} =$	$\frac{5}{9} - \frac{1}{18} =$	$\frac{6}{13} - \frac{1}{26} =$
$\frac{11}{12} - \frac{1}{3} =$	$\frac{7}{9} - \frac{1}{9} =$	$\frac{13}{15} - \frac{1}{5} =$	$\frac{9}{16} - \frac{1}{8} =$

Subtracting Fractions (Unlike Denominators) – Practice Set 5

Instructions: Subtract and simplify. Some answers reduce to 0 or unit fractions.

$\frac{7}{8} - \frac{1}{2} =$ $\frac{5}{6} - \frac{1}{3} =$ $\frac{9}{10} - \frac{2}{5} =$ $\frac{11}{12} - \frac{1}{6} =$

$\frac{3}{4} - \frac{1}{2} =$ $\frac{5}{8} - \frac{1}{8} =$ $\frac{7}{12} - \frac{1}{6} =$ $\frac{9}{14} - \frac{1}{7} =$

$\frac{2}{3} - \frac{1}{9} =$ $\frac{4}{5} - \frac{2}{25} =$ $\frac{5}{7} - \frac{1}{7} =$ $\frac{8}{9} - \frac{4}{18} =$

$\frac{11}{12} - \frac{1}{4} =$ $\frac{5}{9} - \frac{1}{9} =$ $\frac{7}{10} - \frac{1}{5} =$ $\frac{13}{18} - \frac{1}{6} =$

$\frac{5}{12} - \frac{1}{12} =$ $\frac{3}{5} - \frac{1}{10} =$ $\frac{7}{8} - \frac{1}{8} =$ $\frac{9}{10} - \frac{1}{10} =$

$\frac{7}{16} - \frac{1}{4} =$ $\frac{9}{20} - \frac{1}{10} =$ $\frac{11}{24} - \frac{1}{12} =$ $\frac{13}{21} - \frac{1}{7} =$

$\frac{5}{14} - \frac{1}{14} =$ $\frac{7}{18} - \frac{1}{18} =$ $\frac{5}{12} - \frac{1}{6} =$ $\frac{3}{10} - \frac{1}{5} =$