

# Fractions: Subtracting fractions with same denominators.

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Date:

Name:

Solve each problem below, showing all your working. Convert to mixed numbers if necessary.

[1] $\frac{4}{9} - \frac{1}{9}$	[2] $\frac{5}{9} - \frac{4}{9}$	[3] $4\frac{4}{6} - \frac{1}{6}$
[4] $\frac{5}{6} - \frac{2}{6}$	[5] $3\frac{3}{4} - 1\frac{2}{4}$	[6] $\frac{3}{8} - \frac{1}{8}$
[7] $\frac{10}{12} - \frac{6}{12}$	[8] $6\frac{3}{4} - 3\frac{1}{4}$	[9] $7\frac{5}{7} - 1\frac{3}{7}$
[10] $\frac{10}{16} - \frac{2}{16}$	[11] $8\frac{5}{6} - 2\frac{3}{6}$	[12] $\frac{8}{9} - \frac{5}{9}$

# ANSWERS

Fractions: Subtracting fractions with same denominators. Date:

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Solve each problem below, showing all your working. Convert to mixed numbers if necessary.

<p>[1]</p> $\frac{4}{9} - \frac{1}{9} = \frac{3 \div 3}{9 \div 3} = \boxed{\frac{1}{3}}$	<p>[2]</p> $\frac{5}{9} - \frac{4}{9} = \boxed{\frac{1}{9}}$	<p>[3]</p> $4\frac{4}{6} - \frac{1}{6}$ $\frac{28}{6} - \frac{1}{6} = \frac{27}{6} = 4\frac{3 \div 3}{6 \div 3} = \boxed{4\frac{1}{2}}$
<p>[4]</p> $\frac{5}{6} - \frac{2}{6} = \frac{3 \div 3}{6 \div 3} = \boxed{\frac{1}{2}}$	<p>[5]</p> $3\frac{3}{4} - 1\frac{2}{4}$ $\frac{15}{4} - \frac{6}{4} = \frac{9}{4} = \boxed{2\frac{1}{4}}$	<p>[6]</p> $\frac{3}{8} - \frac{1}{8} = \frac{2}{8} = \boxed{\frac{1}{4}}$
<p>[7]</p> $\frac{10}{12} - \frac{6}{12} = \frac{4 \div 4}{12 \div 4} = \boxed{\frac{1}{3}}$	<p>[8]</p> $6\frac{3}{4} - 3\frac{1}{4}$ $\frac{27}{4} - \frac{13}{4} = \frac{14}{4} = 3\frac{2 \div 2}{4 \div 2} = \boxed{3\frac{1}{2}}$	<p>[9]</p> $7\frac{5}{7} - 1\frac{3}{7}$ $\frac{54}{7} - \frac{10}{7} = \frac{44}{7} = \boxed{6\frac{2}{7}}$
<p>[10]</p> $\frac{10}{16} - \frac{2}{16} = \frac{8 \div 8}{16 \div 8} = \boxed{\frac{1}{2}}$	<p>[11]</p> $8\frac{5}{6} - 2\frac{3}{6}$ $\frac{53}{6} - \frac{15}{6} = \frac{38}{6} = 6\frac{2 \div 2}{6 \div 2} = \boxed{6\frac{1}{3}}$	<p>[12]</p> $\frac{8}{9} - \frac{5}{9} = \frac{3 \div 3}{9 \div 3} = \boxed{\frac{1}{3}}$