Fractions & Mixed Numbers- Sum & Difference
(with Common Denominators)

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1) $12\frac{3}{7} + 4\frac{2}{7}$

$12\frac{3}{7}$
$4\frac{2}{7}$
$16\frac{5}{7}$

2) $8\frac{9}{13} - \frac{4}{13}$

$8\frac{9}{13}$
$\frac{4}{13}$
$8\frac{5}{13}$

3) $17\frac{3}{8} - 4\frac{5}{8}$

$17\frac{3}{8} + \frac{8}{8} \rightarrow 16\frac{11}{8}$
$4\frac{5}{8} \rightarrow 4\frac{5}{8}$
$12\frac{6}{8}$
$= 12\frac{3}{4}$

4) $26\frac{4}{7} + \frac{5}{7}$

$26\frac{4}{7}$
$\frac{5}{7}$
$26\frac{9}{7}$
$= 26 + 1\frac{2}{7} = 27\frac{2}{7}$

5) $\frac{3}{10} + 12\frac{7}{10}$

$12\frac{7}{10}$
$\frac{3}{10}$
$12\frac{10}{10}$
$= 12 + 1 = 13$

6) $18\frac{3}{11} - 2\frac{5}{11}$

$18\frac{3}{11} + \frac{11}{11} \rightarrow 17\frac{14}{11}$
$2\frac{5}{11} \rightarrow 2\frac{5}{11}$
$15\frac{9}{11}$

7) $5\frac{6}{11} + \frac{4}{11}$

$5\frac{6}{11}$
$\frac{4}{11}$
$5\frac{10}{11}$

8) $16\frac{9}{13} - 2\frac{5}{13}$

$16\frac{9}{13}$
$2\frac{5}{13}$
$14\frac{4}{13}$

9) $19\frac{1}{6} - \frac{5}{6}$

$19\frac{1}{6} + \frac{6}{6} \rightarrow 18\frac{7}{6}$
$\frac{5}{6} \rightarrow \frac{5}{6}$
$18\frac{2}{6} = 18\frac{1}{3}$

10) $10\frac{5}{9} + 3\frac{7}{9}$

$10\frac{5}{9}$
$3\frac{7}{9}$
$13\frac{12}{9}$
$= 13 + 1\frac{3}{9} = 14\frac{3}{9} = 14\frac{1}{3}$

11) $8\frac{5}{7} + 3\frac{2}{7}$

$8\frac{5}{7}$
$3\frac{2}{7}$
$11\frac{7}{7}$
$= 11 + 1 = 12$

12) $17\frac{3}{5} - 6\frac{1}{5}$

$17\frac{3}{5}$
$6\frac{1}{5}$
$11\frac{2}{5}$