

Eg. 2) $\frac{5}{6} - \frac{1}{3}$ ① LCD
 3: 3, 6, 9
 6: 6, 12, 18

② $\frac{1}{3} \xrightarrow{\times 2} \frac{2}{6}$

③ Re-write using equivalent fraction made with LCD.
 $\frac{5}{6} - \frac{1}{3} = \frac{5}{6} - \frac{2}{6} = \frac{3}{6} = \frac{1}{2}$

Eg. 3) $2\frac{1}{4} - 1\frac{1}{2}$

① Find LCD.

4: 4, 8, 12
 2: 2, 4, 6, 8

② Make equivalent fractions.

$1\frac{1}{2} \xrightarrow{\times 2} 1\frac{2}{4}$

③ Re-write.

$2\frac{1}{4} - 1\frac{1}{2} = 2\frac{1}{4} - 1\frac{2}{4}$

④ change to improper fractions, subtract, then change answer back to a mixed # if possible.

$2\frac{1}{4} - 1\frac{2}{4} = \frac{9}{4} - \frac{6}{4} = \frac{3}{4}$

Eg. 4) $3\frac{2}{3} + 4\frac{3}{5}$

① Find LCD.

3: 3, 6, 9, 12, 15
 5: 5, 10, 15, 20

② Make equivalent fractions using the LCD.

$3\frac{2}{3} \xrightarrow{\times 5} 3\frac{10}{15}$

$4\frac{3}{5} \xrightarrow{\times 3} 4\frac{9}{15}$

④ change to improper fractions, add, then simplify.

$3\frac{10}{15} + 4\frac{9}{15} = \frac{55}{15} + \frac{69}{15} = \frac{124}{15} = 8\frac{4}{15}$

or

Add the whole numbers, add the fractions + simplify.

$3\frac{10}{15} + 4\frac{9}{15} = 3 + 4 + \frac{10}{15} + \frac{9}{15}$

$= 7\frac{19}{15}$

← take 1 or $\frac{15}{15}$ away from here + add it to whole #.

$= 8\frac{4}{15}$

③ Re-write.

$3\frac{2}{3} + 4\frac{3}{5} = 3\frac{10}{15} + 4\frac{9}{15}$