

V. Add and Subtract Fractions with Like Denominators.

- Steps:
1. add numerators
 2. keep the common denominator
 3. reduce fraction

Examples

$$1. \frac{2}{3} + \frac{4}{3} = \frac{6}{3} = \frac{2}{1}$$

or
②

$$2. \frac{5}{6} + \frac{2}{6} = \frac{3+3}{6 \div 3} = \frac{1}{2}$$

$$3. \frac{3}{4} + \frac{3}{4} = \frac{6}{4} = 1\frac{2}{4} = 1\frac{1}{2}$$

$$4. \frac{4}{5} - \frac{2}{5} = \frac{2}{5}$$

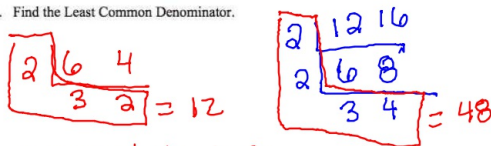
$$5. \frac{4}{7} + \frac{3}{7} = \frac{7}{7} = 1$$

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

VI. Add and Subtract Fractions with Unlike Denominators.

- Steps:
1. convert to improper

2. Find the Least Common Denominator.



3. convert to LCD

4. add / subtract

* reduce

Examples

$$1. \frac{2}{3} + \frac{1}{2} = \frac{4+3}{6} = \frac{7}{6}$$

$$2. \frac{3}{5} + \frac{2}{3} = \frac{6+10}{15} = \frac{16}{15}$$

$$3. \frac{7}{2} + \frac{3}{4} = \frac{14+3}{4} = \frac{17}{4}$$

$$4. \frac{2}{4} - \frac{3}{4} = \frac{-1}{4}$$

$$5. \frac{7}{3} - \frac{5}{6} = \frac{14-5}{6} = \frac{9}{6} = \frac{3}{2}$$

$$6. \frac{5}{3} - \frac{2}{7} = \frac{35-6}{21} = \frac{29}{21}$$

$$7. \frac{1}{6} - \frac{5}{6} = \frac{-4}{6} = \frac{-2}{3}$$