

異分母分數加法和減法

Addition and Subtraction of

Fractions with Different Denominators



把下列各分數進行通分：

Find the equivalent fraction of each group of fractions :

① $\frac{1}{4}, \frac{2}{3}$

3和4的L.C.M.是
 L.C.M. of 3 and 4 is _____

$$\frac{1}{4} = \frac{1 \times (\quad)}{4 \times (\quad)} = \frac{(\quad)}{(\quad)} \leftarrow$$

$$\frac{2}{3} = \frac{2 \times (\quad)}{3 \times (\quad)} = \frac{(\quad)}{(\quad)} \leftarrow$$

② $\frac{2}{3}, \frac{7}{15}$

3和15的L.C.M.是
 L.C.M. of 3 and 15 is _____

$$\frac{2}{3} = \frac{2 \times (\quad)}{3 \times (\quad)} = \frac{(\quad)}{(\quad)} \leftarrow$$

$$\frac{7}{15} = \frac{7 \times (\quad)}{15 \times (\quad)} = \frac{(\quad)}{(\quad)} \leftarrow$$

③ $\frac{1}{2}, \frac{3}{4}, \frac{7}{12}$

2、4、12的L.C.M.是
 L.C.M. of 2, 4 and 12 is _____

$$\frac{1}{2} = \frac{1 \times (\quad)}{2 \times (\quad)} = \frac{(\quad)}{(\quad)} \leftarrow$$

$$\frac{3}{4} = \frac{3 \times (\quad)}{4 \times (\quad)} = \frac{(\quad)}{(\quad)} \leftarrow$$

$$\frac{7}{12} = \frac{7 \times (\quad)}{12 \times (\quad)} = \frac{(\quad)}{(\quad)} \leftarrow$$

④ $\frac{2}{3}, \frac{1}{6}, \frac{3}{8}$

3、6、8的L.C.M.是
 L.C.M. of 3, 6 and 8 is _____

$$\frac{2}{3} = \frac{2 \times (\quad)}{3 \times (\quad)} = \frac{(\quad)}{(\quad)} \leftarrow$$

$$\frac{1}{6} = \frac{1 \times (\quad)}{6 \times (\quad)} = \frac{(\quad)}{(\quad)} \leftarrow$$

$$\frac{3}{8} = \frac{3 \times (\quad)}{8 \times (\quad)} = \frac{(\quad)}{(\quad)} \leftarrow$$

計算：(答案約至最簡。)

Calculating: (Answer in simplest fraction.)

$$\textcircled{1} \frac{1}{4} + \frac{2}{3}$$

$$= \frac{(\quad)}{12} + \frac{(\quad)}{12}$$

$$= \frac{(\quad)}{(\quad)}$$

$$\textcircled{2} \frac{2}{3} - \frac{7}{15}$$

$$= \frac{(\quad)}{15} - \frac{7}{15}$$

$$= \frac{(\quad)}{(\quad)}$$

$$\textcircled{3} \frac{7}{10} + \frac{5}{6}$$

$$= \frac{(\quad)}{30} + \frac{(\quad)}{30}$$

$$= (\quad) \frac{(\quad)}{(\quad)}$$

$$\textcircled{4} 4\frac{1}{4} - 1\frac{5}{6}$$

$$= \underline{\hspace{2cm}}$$

$$= \underline{\hspace{2cm}}$$

$$\textcircled{5} 3 - 1\frac{1}{4}$$

$$= \underline{\hspace{2cm}}$$

$$= \underline{\hspace{2cm}}$$

$$\textcircled{6} 6\frac{1}{6} - 4$$

$$= \underline{\hspace{2cm}}$$

$$= \underline{\hspace{2cm}}$$

$$\textcircled{7} 4\frac{5}{9} - 4\frac{1}{3}$$

$$= \underline{\hspace{2cm}}$$

$$= \underline{\hspace{2cm}}$$

$$\textcircled{8} 5 + 2\frac{2}{3}$$

$$= \underline{\hspace{2cm}}$$

$$= \underline{\hspace{2cm}}$$

$$\textcircled{9} 10 + \frac{4}{5}$$

$$= \underline{\hspace{2cm}}$$

$$= \underline{\hspace{2cm}}$$

$$\textcircled{10} \frac{11}{12} - \frac{1}{3} - \frac{1}{4}$$

$$= \underline{\hspace{2cm}}$$

$$= \underline{\hspace{2cm}}$$

$$= \underline{\hspace{2cm}}$$

$$\textcircled{11} \frac{1}{3} + 5 - 1\frac{2}{5}$$

$$= \underline{\hspace{2cm}}$$

$$= \underline{\hspace{2cm}}$$

$$= \underline{\hspace{2cm}}$$

$$\textcircled{12} 6\frac{7}{10} - 1\frac{1}{2} - 2\frac{3}{5}$$

$$= \underline{\hspace{2cm}}$$

$$= \underline{\hspace{2cm}}$$

$$= \underline{\hspace{2cm}}$$