

◇◇ <正負の数 加法 分数 総合問題> No. 1 ◇◇

・次の計算をしなさい。

$$(1) \left(+\frac{1}{3} \right) + \left(+\frac{1}{5} \right)$$

$$= \left(+\frac{5}{15} \right) + \left(+\frac{3}{15} \right) \quad \leftarrow \text{まず通分!!!}$$

$$= +\left(\frac{5}{15} + \frac{3}{15} \right) = +\frac{8}{15}$$

$$(7) \left(-\frac{3}{4} \right) + \left(-\frac{1}{6} \right)$$

$$= \left(-\frac{9}{12} \right) + \left(-\frac{2}{12} \right)$$

$$= -\left(\frac{9}{12} + \frac{2}{12} \right) = -\frac{11}{12}$$

$$(2) \left(-\frac{2}{3} \right) + \left(+\frac{1}{6} \right) \quad \uparrow \text{答えが「+」の時は、}$$

$$= \left(-\frac{4}{6} \right) + \left(+\frac{1}{6} \right) \quad \uparrow \text{「+」なしで } \frac{8}{15} \text{ でも可。}$$

$$= -\left(\frac{4}{6} - \frac{1}{6} \right) = -\frac{3_1}{6_2} = -\frac{1}{2}$$

$$(8) \left(-\frac{4}{3} \right) + \left(+\frac{5}{2} \right)$$

$$= \left(-\frac{8}{6} \right) + \left(+\frac{15}{6} \right)$$

$$= +\left(\frac{15}{6} - \frac{8}{6} \right) = +\frac{7}{6}$$

$$(3) \left(+\frac{7}{9} \right) + \left(-\frac{5}{6} \right) \quad \uparrow \text{「-」は忘れずにね!}$$

$$= \left(+\frac{14}{18} \right) + \left(-\frac{15}{18} \right)$$

$$= -\left(\frac{15}{18} - \frac{14}{18} \right) = -\frac{1}{18}$$

$$(9) \left(+\frac{5}{8} \right) + \left(-\frac{2}{3} \right)$$

$$= \left(+\frac{15}{24} \right) + \left(-\frac{16}{24} \right)$$

$$= -\left(\frac{16}{24} - \frac{15}{24} \right) = -\frac{1}{24}$$

$$(4) \left(-\frac{1}{8} \right) + \left(-\frac{1}{4} \right)$$

$$= \left(-\frac{1}{8} \right) + \left(-\frac{2}{8} \right)$$

$$= -\left(\frac{1}{8} + \frac{2}{8} \right) = -\frac{3}{8}$$

$$(10) \left(+\frac{1}{2} \right) + \left(+\frac{1}{6} \right)$$

$$= \left(+\frac{3}{6} \right) + \left(+\frac{1}{6} \right)$$

$$= +\left(\frac{3}{6} + \frac{1}{6} \right) = +\frac{4_2}{6_3} = +\frac{2}{3}$$

$$(5) \left(-\frac{1}{6} \right) + \left(+\frac{3}{8} \right)$$

$$= \left(-\frac{4}{24} \right) + \left(+\frac{9}{24} \right)$$

$$= +\left(\frac{9}{24} - \frac{4}{24} \right) = +\frac{5}{24}$$

$$(11) \left(+\frac{5}{4} \right) + \left(-\frac{9}{10} \right)$$

$$= \left(+\frac{25}{20} \right) + \left(-\frac{18}{20} \right)$$

$$= +\left(\frac{25}{20} - \frac{18}{20} \right) = +\frac{7}{20}$$

$$(6) \left(+\frac{2}{15} \right) + \left(-\frac{4}{5} \right)$$

$$= \left(+\frac{2}{15} \right) + \left(-\frac{12}{15} \right)$$

$$= -\left(\frac{12}{15} - \frac{2}{15} \right) = -\frac{10_2}{15_3} = -\frac{2}{3}$$

$$(12) \left(-\frac{3}{10} \right) + \left(-\frac{1}{5} \right)$$

$$= \left(-\frac{3}{10} \right) + \left(-\frac{2}{10} \right)$$

$$= -\left(\frac{3}{10} + \frac{2}{10} \right) = -\frac{5_1}{10_2} = -\frac{1}{2}$$

◇同符号の時、異符号の時、足すのか？引くのか？そしてどっちの符号を付ける？考え方は整数の時と同じだよ(^▽^)♪