

◇◇ <正負の数 加法 分数 総合問題> No. 2 ◇◇

(1) $-\frac{1}{3} + \frac{1}{5}$ ←()+()の中に入れるとわかりやすいよ。

$= (-\frac{5}{15}) + (+\frac{3}{15})$ ←そして通分!!!

$= -(\frac{5}{15} - \frac{3}{15}) = -\frac{2}{15}$

(2) $-\frac{2}{3} + \frac{1}{6}$

$= (-\frac{4}{6}) + (+\frac{1}{6})$

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

(3) $\frac{7}{9} - \frac{5}{6}$

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

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

(4) $-\frac{1}{8} - \frac{1}{4}$

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

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

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

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

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

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

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

$= -(\frac{12}{15} - \frac{2}{15}) = -\frac{10}{15} = -\frac{2}{3}$

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

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

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

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

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

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

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

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

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

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

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

$= +(\frac{3}{6} - \frac{1}{6}) = +\frac{2}{6} = +\frac{1}{3}$

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

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

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

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

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

$= -(\frac{3}{10} + \frac{2}{10}) = -\frac{5}{10} = -\frac{1}{2}$

◇カッコ無しの加法(整数)に慣れている人は、 $-\frac{1}{3} + \frac{1}{5} = -\frac{5}{15} + \frac{3}{15} = \frac{-5+3}{15} = -\frac{2}{15}$ と、カッコ無しのまま計算してもいいよ!