

同類項をまとめる2 分数の係数 その1

$$(1) \quad \frac{2}{7}a + \frac{7}{8}b + \frac{6}{7}a + \frac{1}{4}b =$$

$$(2) \quad -\frac{1}{7}x + \frac{1}{2}y - \frac{5}{7}x + \frac{1}{2}y =$$

$$(3) \quad -\frac{1}{6}a + \frac{1}{6}b - \frac{1}{2}a + \frac{5}{9}b =$$

$$(4) \quad -\frac{1}{2}a - \frac{3}{4}b + \frac{5}{6}a - \frac{1}{4}b =$$

$$(5) \quad \frac{5}{6}x + \frac{1}{6}y + \frac{1}{2}x + \frac{3}{4}y =$$

$$(6) \quad \frac{1}{2}x + \frac{2}{3}y + \frac{1}{6}x + \frac{2}{3}y =$$

$$(7) \quad \frac{5}{8}x + \frac{3}{4}y + \frac{1}{2}x + \frac{1}{2}y =$$

$$(8) \quad -\frac{7}{9}a - \frac{2}{3}b + \frac{2}{3}a - \frac{1}{3}b =$$

$$(9) \quad -\frac{3}{8}a + \frac{5}{6}b - \frac{1}{6}a + \frac{1}{8}b =$$

$$(10) \quad \frac{1}{2}x - \frac{1}{8}y - \frac{3}{4}x + \frac{1}{2}y =$$

$$(11) \quad \frac{1}{2}x + \frac{1}{5}y + \frac{1}{4}x + \frac{3}{5}y =$$

$$(12) \quad -\frac{1}{2}x + \frac{1}{7}y - \frac{1}{2}x + \frac{4}{7}y =$$

同類項をまとめる2 分数の係数 その2

$$(1) \quad \frac{3}{4}x + \frac{1}{2}y + \frac{1}{4}x + \frac{3}{4}y =$$

$$(2) \quad \frac{3}{8}x - \frac{1}{4}y - \frac{1}{2}x + \frac{1}{2}y =$$

$$(3) \quad -\frac{2}{3}a - \frac{3}{4}b + \frac{8}{9}a - \frac{1}{4}b =$$

$$(4) \quad \frac{1}{4}x + \frac{1}{2}y + \frac{1}{2}x + \frac{1}{2}y =$$

$$(5) \quad -\frac{1}{2}x + \frac{1}{3}y - \frac{1}{4}x + \frac{2}{3}y =$$

$$(6) \quad -\frac{3}{8}a - \frac{5}{6}b + \frac{3}{4}a - \frac{1}{2}b =$$

$$(7) \quad -\frac{5}{8}x - \frac{1}{6}y + \frac{1}{4}x - \frac{1}{2}y =$$

$$(8) \quad -\frac{1}{2}x + \frac{5}{6}y - \frac{1}{8}x + \frac{3}{4}y =$$

$$(9) \quad -\frac{1}{3}a + \frac{2}{9}b - \frac{1}{3}a + \frac{1}{6}b =$$

$$(10) \quad \frac{1}{6}a - \frac{1}{2}b - \frac{8}{9}a + \frac{5}{6}b =$$

$$(11) \quad -\frac{1}{6}x - \frac{1}{2}y + \frac{1}{3}x - \frac{7}{8}y =$$

$$(12) \quad -\frac{1}{4}a - \frac{1}{2}b + \frac{1}{2}a - \frac{1}{2}b =$$

同類項をまとめる2 分数の係数 その3

$$(1) -\frac{1}{9}x - \frac{1}{3}y + \frac{7}{9}x - \frac{2}{3}y =$$

$$(2) \frac{1}{6}a + \frac{3}{8}b + \frac{1}{3}a + \frac{3}{4}b =$$

$$(3) \frac{1}{5}x - \frac{1}{3}y - \frac{2}{5}x + \frac{5}{9}y =$$

$$(4) -\frac{3}{4}a + \frac{1}{4}b - \frac{1}{2}a + \frac{1}{2}b =$$

$$(5) -\frac{3}{8}a - \frac{2}{3}b + \frac{5}{6}a - \frac{1}{9}b =$$

$$(6) -\frac{7}{9}x - \frac{8}{9}y + \frac{1}{3}x - \frac{1}{3}y =$$

$$(7) -\frac{1}{4}a + \frac{1}{2}b - \frac{1}{2}a + \frac{1}{6}b =$$

$$(8) -\frac{7}{8}x - \frac{2}{3}y + \frac{3}{8}x - \frac{1}{6}y =$$

$$(9) -\frac{1}{2}a - \frac{1}{2}b + \frac{3}{4}a - \frac{1}{2}b =$$

$$(10) -\frac{3}{4}a - \frac{1}{3}b + \frac{1}{2}a - \frac{2}{3}b =$$

$$(11) \frac{5}{6}a + \frac{1}{2}b + \frac{1}{2}a + \frac{1}{2}b =$$

$$(12) \frac{3}{4}a + \frac{2}{3}b + \frac{1}{2}a + \frac{1}{3}b =$$

同類項をまとめる2 分数の係数 その4

$$(1) \quad \frac{8}{9}a - \frac{8}{9}b - \frac{2}{9}a + \frac{1}{3}b =$$

$$(2) \quad -\frac{1}{9}a - \frac{1}{3}b + \frac{1}{3}a - \frac{1}{3}b =$$

$$(3) \quad -\frac{3}{4}a + \frac{5}{8}b - \frac{7}{8}a + \frac{3}{8}b =$$

$$(4) \quad \frac{1}{2}a + \frac{2}{3}b + \frac{1}{2}a + \frac{7}{9}b =$$

$$(5) \quad \frac{1}{2}a + \frac{1}{2}b + \frac{5}{8}a + \frac{1}{2}b =$$

$$(6) \quad \frac{1}{6}a - \frac{1}{2}b - \frac{1}{2}a + \frac{7}{8}b =$$

$$(7) \quad \frac{2}{3}a - \frac{1}{4}b - \frac{1}{3}a + \frac{1}{8}b =$$

$$(8) \quad \frac{3}{4}x + \frac{8}{9}y + \frac{3}{4}x + \frac{1}{6}y =$$

$$(9) \quad -\frac{5}{7}x + \frac{1}{2}y - \frac{5}{7}x + \frac{1}{2}y =$$

$$(10) \quad -\frac{5}{6}x + \frac{1}{2}y - \frac{1}{3}x + \frac{7}{8}y =$$

$$(11) \quad -\frac{3}{4}x + \frac{7}{8}y - \frac{1}{8}x + \frac{1}{2}y =$$

$$(12) \quad \frac{1}{2}a - \frac{1}{8}b - \frac{5}{8}a + \frac{1}{4}b =$$

同類項をまとめる2 分数の係数 その5

$$(1) -\frac{1}{2}x - \frac{5}{9}y + \frac{1}{4}x - \frac{2}{3}y =$$

$$(2) \frac{8}{9}a + \frac{1}{8}b + \frac{2}{9}a + \frac{7}{8}b =$$

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

$$(4) \frac{2}{3}x + \frac{1}{2}y + \frac{4}{9}x + \frac{1}{2}y =$$

$$(5) \frac{1}{2}a - \frac{1}{2}b - \frac{1}{4}a + \frac{1}{6}b =$$

$$(6) \frac{1}{8}x + \frac{1}{2}y + \frac{3}{4}x + \frac{1}{2}y =$$

$$(7) \frac{5}{9}a + \frac{1}{2}b + \frac{2}{3}a + \frac{3}{4}b =$$

$$(8) -\frac{5}{7}a + \frac{8}{9}b - \frac{2}{7}a + \frac{1}{6}b =$$

$$(9) \frac{3}{5}a + \frac{1}{2}b + \frac{2}{5}a + \frac{5}{8}b =$$

$$(10) -\frac{5}{9}x - \frac{1}{6}y + \frac{1}{6}x - \frac{5}{6}y =$$

$$(11) -\frac{7}{8}x - \frac{2}{3}y + \frac{1}{2}x - \frac{1}{3}y =$$

$$(12) \frac{1}{2}a + \frac{8}{9}b + \frac{1}{6}a + \frac{1}{3}b =$$

同類項をまとめる2 分数の係数 その6

$$(1) -\frac{1}{6}x + \frac{5}{7}y - \frac{8}{9}x + \frac{4}{7}y =$$

$$(2) \frac{1}{3}a + \frac{1}{2}b + \frac{1}{3}a + \frac{7}{8}b =$$

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

$$(4) \frac{8}{9}x - \frac{1}{2}y - \frac{2}{9}x + \frac{1}{8}y =$$

$$(5) \frac{1}{2}a - \frac{3}{4}b - \frac{1}{6}a + \frac{1}{2}b =$$

$$(6) \frac{7}{9}a - \frac{5}{8}b - \frac{2}{9}a + \frac{1}{6}b =$$

$$(7) -\frac{1}{2}a - \frac{7}{9}b + \frac{1}{4}a - \frac{2}{3}b =$$

$$(8) \frac{1}{5}a + \frac{1}{4}b + \frac{2}{5}a + \frac{1}{2}b =$$

$$(9) \frac{1}{2}x - \frac{1}{2}y - \frac{1}{4}x + \frac{1}{4}y =$$

$$(10) \frac{5}{9}x - \frac{2}{5}y - \frac{1}{3}x + \frac{3}{5}y =$$

$$(11) \frac{3}{4}a - \frac{1}{4}b - \frac{1}{4}a + \frac{3}{4}b =$$

$$(12) \frac{1}{2}a + \frac{1}{2}b + \frac{3}{4}a + \frac{1}{2}b =$$

同類項をまとめる2 分数の係数 その7

$$(1) -\frac{2}{3}x - \frac{3}{4}y + \frac{5}{9}x - \frac{1}{2}y =$$

$$(2) -\frac{5}{9}x - \frac{5}{6}y + \frac{2}{9}x - \frac{1}{3}y =$$

$$(3) \frac{1}{3}x - \frac{2}{3}y - \frac{2}{3}x + \frac{5}{9}y =$$

$$(4) \frac{7}{8}x + \frac{1}{2}y + \frac{1}{2}x + \frac{1}{2}y =$$

$$(5) \frac{1}{2}x + \frac{1}{3}y + \frac{3}{4}x + \frac{5}{6}y =$$

$$(6) \frac{3}{8}x + \frac{1}{2}y + \frac{3}{4}x + \frac{1}{2}y =$$

$$(7) -\frac{7}{8}x + \frac{1}{2}y - \frac{1}{2}x + \frac{1}{2}y =$$

$$(8) \frac{2}{3}x + \frac{1}{6}y + \frac{4}{9}x + \frac{2}{3}y =$$

$$(9) \frac{3}{4}a - \frac{3}{5}b - \frac{1}{2}a + \frac{2}{5}b =$$

$$(10) -\frac{1}{3}a + \frac{1}{2}b - \frac{2}{3}a + \frac{3}{8}b =$$

$$(11) \frac{1}{3}a + \frac{1}{6}b + \frac{1}{3}a + \frac{1}{2}b =$$

$$(12) -\frac{1}{6}a + \frac{1}{2}b - \frac{2}{3}a + \frac{1}{2}b =$$

同類項をまとめる2 分数の係数 その8

$$(1) \quad \frac{1}{2}x + \frac{5}{6}y + \frac{1}{6}x + \frac{1}{2}y =$$

$$(2) \quad \frac{1}{2}x + \frac{4}{9}y + \frac{1}{2}x + \frac{2}{3}y =$$

$$(3) \quad -\frac{2}{3}a + \frac{1}{3}b - \frac{2}{3}a + \frac{2}{3}b =$$

$$(4) \quad -\frac{2}{3}a + \frac{1}{8}b - \frac{2}{3}a + \frac{1}{8}b =$$

$$(5) \quad \frac{3}{4}x - \frac{1}{2}y - \frac{1}{6}x + \frac{1}{4}y =$$

$$(6) \quad -\frac{1}{2}a + \frac{1}{3}b - \frac{1}{2}a + \frac{7}{9}b =$$

$$(7) \quad -\frac{3}{4}a + \frac{1}{2}b - \frac{1}{4}a + \frac{1}{4}b =$$

$$(8) \quad -\frac{1}{2}a + \frac{1}{6}b - \frac{1}{4}a + \frac{1}{2}b =$$

$$(9) \quad -\frac{1}{3}a + \frac{1}{3}b - \frac{1}{6}a + \frac{1}{6}b =$$

$$(10) \quad -\frac{4}{7}x - \frac{1}{2}y + \frac{1}{7}x - \frac{3}{4}y =$$

$$(11) \quad \frac{3}{4}a + \frac{6}{7}b + \frac{3}{4}a + \frac{4}{7}b =$$

$$(12) \quad -\frac{3}{8}x - \frac{6}{7}y + \frac{1}{6}x - \frac{4}{7}y =$$

同類項をまとめる2 分数の係数 その9

$$(1) -\frac{2}{7}a - \frac{1}{2}b + \frac{4}{7}a - \frac{1}{8}b =$$

$$(2) -\frac{5}{8}x + \frac{1}{3}y - \frac{1}{4}x + \frac{2}{3}y =$$

$$(3) -\frac{1}{2}x - \frac{5}{6}y + \frac{1}{4}x - \frac{1}{2}y =$$

$$(4) \frac{5}{6}a + \frac{1}{8}b + \frac{2}{3}a + \frac{3}{4}b =$$

$$(5) -\frac{3}{8}a - \frac{1}{2}b + \frac{1}{2}a - \frac{1}{2}b =$$

$$(6) \frac{7}{8}a - \frac{4}{5}b - \frac{1}{2}a + \frac{3}{5}b =$$

$$(7) \frac{1}{2}a - \frac{1}{2}b - \frac{1}{4}a + \frac{7}{8}b =$$

$$(8) \frac{2}{3}x + \frac{1}{2}y + \frac{1}{3}x + \frac{5}{6}y =$$

$$(9) \frac{5}{9}x - \frac{1}{2}y - \frac{1}{3}x + \frac{1}{4}y =$$

$$(10) \frac{2}{3}x + \frac{1}{4}y + \frac{1}{3}x + \frac{1}{2}y =$$

$$(11) \frac{1}{2}x + \frac{3}{8}y + \frac{3}{4}x + \frac{1}{4}y =$$

$$(12) -\frac{1}{2}a + \frac{5}{6}b - \frac{1}{2}a + \frac{5}{9}b =$$

同類項をまとめる2 分数の係数 その10

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

$$(2) \frac{5}{6}a + \frac{1}{9}b + \frac{7}{8}a + \frac{1}{3}b =$$

$$(3) -\frac{3}{8}x + \frac{5}{9}y - \frac{1}{2}x + \frac{1}{9}y =$$

$$(4) \frac{3}{7}a + \frac{5}{8}b + \frac{2}{7}a + \frac{7}{8}b =$$

$$(5) -\frac{1}{2}a - \frac{1}{3}b + \frac{1}{4}a - \frac{2}{3}b =$$

$$(6) -\frac{5}{8}a + \frac{1}{3}b - \frac{1}{2}a + \frac{5}{9}b =$$

$$(7) -\frac{4}{5}a - \frac{2}{3}b + \frac{1}{5}a - \frac{2}{3}b =$$

$$(8) \frac{1}{2}x + \frac{1}{4}y + \frac{1}{2}x + \frac{1}{2}y =$$

$$(9) \frac{2}{3}a - \frac{5}{7}b - \frac{1}{3}a + \frac{4}{7}b =$$

$$(10) \frac{1}{2}a - \frac{1}{2}b - \frac{1}{4}a + \frac{1}{4}b =$$

$$(11) -\frac{5}{8}x + \frac{1}{2}y - \frac{1}{2}x + \frac{1}{2}y =$$

$$(12) \frac{5}{8}x - \frac{2}{3}y - \frac{1}{8}x + \frac{1}{3}y =$$

同類項をまとめる2 分数の係数 その11

$$(1) -\frac{4}{5}x + \frac{1}{4}y - \frac{3}{5}x + \frac{1}{6}y =$$

$$(2) \frac{5}{9}a + \frac{3}{4}b + \frac{1}{3}a + \frac{1}{2}b =$$

$$(3) -\frac{1}{2}x - \frac{3}{4}y + \frac{3}{4}x - \frac{3}{4}y =$$

$$(4) -\frac{8}{9}a - \frac{1}{2}b + \frac{2}{3}a - \frac{1}{4}b =$$

$$(5) -\frac{2}{5}a + \frac{7}{8}b - \frac{2}{5}a + \frac{1}{2}b =$$

$$(6) -\frac{3}{4}x + \frac{4}{7}y - \frac{1}{2}x + \frac{4}{7}y =$$

$$(7) \frac{5}{6}x + \frac{1}{9}y + \frac{1}{6}x + \frac{1}{9}y =$$

$$(8) \frac{1}{2}x + \frac{5}{9}y + \frac{1}{4}x + \frac{1}{6}y =$$

$$(9) -\frac{2}{3}a + \frac{1}{2}b - \frac{2}{3}a + \frac{1}{2}b =$$

$$(10) \frac{1}{4}a + \frac{1}{6}b + \frac{1}{2}a + \frac{7}{8}b =$$

$$(11) -\frac{2}{7}x - \frac{4}{9}y + \frac{1}{7}x - \frac{2}{3}y =$$

$$(12) \frac{1}{2}a + \frac{2}{3}b + \frac{1}{2}a + \frac{1}{3}b =$$

同類項をまとめる2 分数の係数 その12

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

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

$$(3) -\frac{1}{2}x + \frac{2}{3}y - \frac{1}{4}x + \frac{1}{3}y =$$

$$(4) \frac{3}{4}x - \frac{1}{2}y - \frac{1}{2}x + \frac{1}{4}y =$$

$$(5) \frac{5}{8}x - \frac{1}{2}y - \frac{3}{4}x + \frac{1}{8}y =$$

$$(6) -\frac{6}{7}a + \frac{1}{2}b - \frac{5}{7}a + \frac{1}{2}b =$$

$$(7) \frac{2}{9}a + \frac{2}{3}b + \frac{2}{3}a + \frac{1}{3}b =$$

$$(8) \frac{1}{4}a - \frac{1}{2}b - \frac{1}{2}a + \frac{3}{4}b =$$

$$(9) -\frac{7}{9}a + \frac{1}{6}b - \frac{2}{3}a + \frac{2}{3}b =$$

$$(10) \frac{1}{2}x - \frac{3}{4}y - \frac{1}{4}x + \frac{1}{2}y =$$

$$(11) \frac{2}{9}a + \frac{1}{3}b + \frac{1}{3}a + \frac{7}{9}b =$$

$$(12) -\frac{1}{4}x - \frac{2}{9}y + \frac{1}{2}x - \frac{2}{3}y =$$