



分数のたし算とひき算6

【通分】3つの分数の通分



日にち： 月 日

名まえ _____

・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう(うすい字はなぞろう)

① $(\frac{1}{2}, \frac{2}{3}, \frac{1}{4})$

$$\frac{1}{2} = \frac{1 \times 6}{2 \times 6} = \frac{6}{12}, \quad \frac{2}{3} = \frac{2 \times 4}{3 \times 4} = \frac{8}{12}$$

$$\frac{1}{4} = \frac{1 \times 3}{4 \times 3} = \frac{3}{12}$$

答え $\frac{6}{12}, \frac{8}{12}, \frac{3}{12}$

② $(\frac{4}{3}, \frac{7}{10}, \frac{8}{15})$

$$\frac{4}{3} = \frac{4 \times 10}{3 \times 10} = \frac{40}{30}$$

$$\frac{7}{10} = \frac{7 \times \quad}{10 \times \quad} =$$

$$\frac{8}{1} = \frac{8 \times \quad}{1 \times \quad} =$$

答え _____

③ $(1\frac{2}{3}, 2\frac{3}{8}, 1\frac{5}{6})$

$$1\frac{2}{3} = 1\frac{2}{3} \text{ ---} =$$

$$2\frac{3}{8} = 2\frac{3}{8} \text{ ---} =$$

$$1\frac{5}{6} = 1\frac{5}{6} \text{ ---} =$$

答え _____



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① ($\frac{1}{2}$, $\frac{3}{4}$, $\frac{4}{5}$)

$$\frac{1}{2} = \frac{1 \times 10}{2 \times 10} = \frac{10}{20}$$

$$\frac{3}{4} = \frac{3 \times 5}{4 \times 5} = \frac{15}{20}$$

$$\frac{4}{5} = \frac{4 \times 4}{5 \times 4} = \frac{16}{20}$$

答え $\frac{10}{20}$, $\frac{15}{20}$, $\frac{16}{20}$

② ($\frac{3}{4}$, $\frac{5}{6}$, $\frac{3}{8}$)

$$\frac{3}{4} = \frac{3 \times 6}{4 \times 6} = \frac{18}{24}$$

$$\frac{5}{6} = \frac{5 \times \quad}{6 \times \quad} =$$

$$\frac{3}{8} = \frac{3 \times \quad}{8 \times \quad} =$$

答え _____

③ ($2\frac{1}{3}$, $1\frac{5}{6}$, $2\frac{8}{9}$)

$$2\frac{1}{3} = 2\frac{1}{3} \text{ ---} =$$

$$1\frac{5}{6} = 1\frac{5}{6} \text{ ---} =$$

$$2\frac{8}{9} = 2\frac{8}{9} \text{ ---} =$$

答え _____



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① $(\frac{1}{2}, \frac{2}{3}, \frac{5}{9})$

$$\frac{1}{2} = \frac{1 \times 9}{2 \times 9} = \frac{9}{18}$$

$$\frac{2}{3} = \frac{2 \times 6}{3 \times 6} = \frac{12}{18}$$

$$\frac{5}{9} = \frac{5 \times 2}{9 \times 2} = \frac{10}{18}$$

答え $\frac{9}{18}, \frac{12}{18}, \frac{10}{18}$

② $(\frac{1}{4}, \frac{2}{5}, \frac{5}{6})$

$$\frac{1}{4} = \frac{1 \times 15}{4 \times 15} = \frac{15}{60}$$

$$\frac{2}{5} = \frac{2 \times \quad}{5 \times \quad} =$$

$$\frac{5}{6} = \frac{5 \times \quad}{6 \times \quad} =$$

答え _____

③ $(2\frac{1}{2}, 1\frac{4}{7}, 1\frac{3}{8})$

$$2\frac{1}{2} = 2\frac{1}{2} =$$

$$1\frac{4}{7} = 1\frac{4}{7} =$$

$$1\frac{3}{8} = 1\frac{3}{8} =$$

答え _____



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・ () 中の分数を^{つうぶん}通分して、分母をそろえましょう(うすい字はなぞろう)

① $(\frac{1}{2}, \frac{3}{4}, \frac{2}{9})$

$$\frac{1}{2} = \frac{1 \times 18}{2 \times 18} = \frac{18}{36}$$

$$\frac{3}{4} = \frac{3 \times 9}{4 \times 9} = \frac{27}{36}$$

$$\frac{2}{9} = \frac{2 \times 4}{9 \times 4} = \frac{8}{36}$$

答え $\frac{18}{36}, \frac{27}{36}, \frac{8}{36}$

② $(\frac{2}{3}, \frac{1}{6}, \frac{3}{8})$

$$\frac{2}{3} = \frac{2 \times 8}{3 \times 8} = \frac{16}{24}$$

$$\frac{1}{6} = \frac{1 \times \quad}{6 \times \quad} =$$

$$\frac{3}{8} = \frac{3 \times \quad}{8 \times \quad} =$$

答え _____

③ $(1\frac{1}{2}, 2\frac{2}{3}, 1\frac{3}{4})$

$$1\frac{1}{2} = 1\frac{1}{2} \text{ ---} =$$

$$2\frac{2}{3} = 2\frac{2}{3} \text{ ---} =$$

$$1\frac{3}{4} = 1\frac{3}{4} \text{ ---} =$$

答え _____



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・ () 中の分数を^{つうぶん}通分して、分母をそろえましょう(うすい字はなぞろう)

① $(\frac{1}{2}, \frac{1}{6}, \frac{3}{5})$

$$\frac{1}{2} = \frac{1 \times 15}{2 \times 15} =$$

$$\frac{1}{6} = \frac{1 \times 5}{6 \times 5} =$$

$$\frac{3}{5} = \frac{3 \times 6}{5 \times 6} =$$

答え _____

② $(\frac{1}{3}, \frac{4}{7}, \frac{2}{9})$

$$\frac{1}{3} =$$

$$\frac{4}{7} =$$

$$\frac{2}{9} =$$

答え _____

③ $(2\frac{1}{2}, 3\frac{2}{3}, 2\frac{8}{9})$

$$2\frac{1}{2} =$$

$$3\frac{2}{3} =$$

$$2\frac{8}{9} =$$

答え _____



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・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう(うすい字はなぞろう)

① $(\frac{3}{4} , \frac{5}{8} , \frac{4}{9})$

$$\frac{3}{4} = \frac{3 \times 18}{4 \times 18} =$$

$$\frac{5}{8} = \frac{5 \times 9}{8 \times 9} =$$

$$\frac{4}{9} = \frac{4 \times 8}{9 \times 8} =$$

答え _____

② $(\frac{1}{2} , \frac{2}{3} , \frac{5}{7})$

$$\frac{1}{2} =$$

$$\frac{2}{3} =$$

$$\frac{5}{7} =$$

答え _____

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

$$1\frac{3}{4} =$$

$$2\frac{1}{6} =$$

$$3\frac{3}{8} =$$

答え _____



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・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう(うすい字はなぞろう)

① $(\frac{1}{2}, \frac{3}{5}, \frac{6}{7})$

$$\frac{1}{2} = \frac{1 \times 35}{2 \times 35} =$$

$$\frac{3}{5} = \frac{3 \times 14}{5 \times 14} =$$

$$\frac{6}{7} = \frac{6 \times 10}{7 \times 10} =$$

答え _____

② $(\frac{3}{4}, \frac{1}{6}, \frac{8}{9})$

$$\frac{3}{4} =$$

$$\frac{1}{6} =$$

$$\frac{8}{9} =$$

答え _____

③ $(2\frac{1}{2}, 2\frac{2}{3}, 3\frac{5}{8})$

$$2\frac{1}{2} =$$

$$2\frac{2}{3} =$$

$$3\frac{5}{8} =$$

答え _____



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・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう

① $(\frac{1}{2} , \frac{2}{5} , \frac{4}{9})$

$\frac{1}{2} = \underline{\hspace{2cm}} =$

, $\frac{2}{5} = \underline{\hspace{2cm}} =$

$\frac{4}{9} = \underline{\hspace{2cm}} =$

答え _____

② $(\frac{2}{3} , \frac{3}{4} , \frac{5}{6})$

$\frac{2}{3} =$

, $\frac{3}{4} =$

$\frac{5}{6} =$

答え _____

③ $(1\frac{3}{4} , 1\frac{5}{7} , 3\frac{7}{8})$

$1\frac{3}{4} =$

, $1\frac{5}{7} =$

$3\frac{7}{8} =$

答え _____



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・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう

① $(\frac{1}{2} , \frac{2}{3} , \frac{5}{8})$

$\frac{1}{2} = \underline{\hspace{2cm}} =$

, $\frac{2}{3} = \underline{\hspace{2cm}} =$

$\frac{5}{8} = \underline{\hspace{2cm}} =$

答え _____

② $(\frac{3}{4} , \frac{3}{5} , \frac{1}{6})$

$\frac{3}{4} =$

, $\frac{3}{5} =$

$\frac{1}{6} =$

答え _____

③ $(2\frac{5}{6} , 1\frac{2}{3} , 1\frac{4}{9})$

$2\frac{5}{6} =$

, $1\frac{2}{3} =$

$1\frac{4}{9} =$

答え _____



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・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう

① $(\frac{2}{3}, \frac{5}{6}, \frac{1}{8})$

$$\frac{2}{3} =$$

$$\frac{5}{6} =$$

$$\frac{1}{8} =$$

答え _____

② $(\frac{1}{2}, \frac{3}{4}, \frac{4}{5})$

$$\frac{1}{2} =$$

$$\frac{3}{4} =$$

$$\frac{4}{5} =$$

答え _____

③ $(1\frac{1}{2}, 1\frac{5}{6}, 2\frac{3}{8})$

$$1\frac{1}{2} =$$

$$1\frac{5}{6} =$$

$$2\frac{3}{8} =$$

答え _____



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・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう

① $(\frac{1}{2}, \frac{3}{5}, \frac{3}{8})$

$$\frac{1}{2} =$$

$$\frac{3}{5} =$$

$$\frac{3}{8} =$$

答え _____

② $(2\frac{1}{6}, 1\frac{3}{8}, 2\frac{4}{9})$

$$2\frac{1}{6} =$$

$$1\frac{3}{8} =$$

$$2\frac{4}{9} =$$

答え _____

③ $(\frac{2}{3}, \frac{1}{4}, \frac{5}{6})$

$$\frac{2}{3} =$$

$$\frac{1}{4} =$$

$$\frac{5}{6} =$$

答え _____



・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう

① $\left(\frac{1}{2}, \frac{2}{3}, \frac{6}{7} \right)$

$$\frac{1}{2} =$$

$$\frac{2}{3} =$$

$$\frac{6}{7} =$$

答え

② $\left(\frac{3}{4}, \frac{2}{5}, \frac{1}{8} \right)$

$$\frac{3}{4} =$$

$$\frac{2}{5} =$$

$$\frac{1}{8} =$$

答え

③ $\left(1\frac{2}{3}, 2\frac{1}{6}, 1\frac{7}{9} \right)$

$$1\frac{2}{3} =$$

$$2\frac{1}{6} =$$

$$1\frac{7}{9} =$$

答え



・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう

① $\left(\frac{2}{3}, \frac{5}{6}, \frac{8}{9} \right)$

$$\frac{2}{3} = \quad , \quad \frac{5}{6} =$$

$$\frac{8}{9} =$$

答え

② $\left(1\frac{3}{4}, 2\frac{2}{7}, 2\frac{3}{8} \right)$

$$1\frac{3}{4} = \quad , \quad 2\frac{2}{7} =$$

$$2\frac{3}{8} =$$

答え

③ $\left(\frac{1}{2}, \frac{4}{5}, \frac{5}{8} \right)$

$$\frac{1}{2} = \quad , \quad \frac{4}{5} =$$

$$\frac{5}{8} =$$

答え



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・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう

① $(\frac{1}{2}, \frac{5}{6}, \frac{1}{8})$

$\frac{1}{2} =$

$\frac{5}{6} =$

$\frac{1}{8} =$

答え _____

② $(\frac{2}{3}, \frac{1}{4}, \frac{3}{5})$

$\frac{2}{3} =$

$\frac{1}{4} =$

$\frac{3}{5} =$

答え _____

③ $(1\frac{3}{4}, 2\frac{5}{6}, 2\frac{2}{9})$

$1\frac{3}{4} =$

$2\frac{5}{6} =$

$2\frac{2}{9} =$

答え _____



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【通分】3つの分数の通分

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目指せ70点!



名まえ

・ () 中の分数を^{つうぶん}通分して、分母をそろえましょう

① $\left(\frac{3}{4}, \frac{1}{6}, \frac{5}{8} \right)$ (30点)

$$\frac{3}{4} = \quad , \quad \frac{1}{6} =$$

$$\frac{5}{8} =$$

答え

② $\left(\frac{2}{3}, \frac{6}{7}, \frac{2}{9} \right)$ (30点)

$$\frac{2}{3} = \quad , \quad \frac{6}{7} =$$

$$\frac{2}{9} =$$

答え

③ $\left(1\frac{1}{2}, 2\frac{3}{4}, 1\frac{5}{8} \right)$ (40点)

$$1\frac{1}{2} = \quad , \quad 2\frac{3}{4} =$$

$$1\frac{5}{8} =$$

答え



・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう

① $\left(\frac{1}{2}, \frac{3}{7}, \frac{3}{8} \right)$ (30点)

$$\frac{1}{2} = \quad , \quad \frac{3}{7} =$$

$$\frac{3}{8} =$$

答え

② $\left(\frac{3}{4}, \frac{1}{6}, \frac{5}{9} \right)$ (30点)

$$\frac{3}{4} = \quad , \quad \frac{1}{6} =$$

$$\frac{5}{9} =$$

答え

③ $\left(2\frac{2}{3}, 2\frac{2}{5}, 1\frac{4}{9} \right)$ (40点)

$$2\frac{2}{3} = \quad , \quad 2\frac{2}{5} =$$

$$1\frac{4}{9} =$$

答え



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・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう(うすい字はなぞろう)

① $(\frac{1}{2}, \frac{2}{3}, \frac{1}{4})$

$$\frac{1}{2} = \frac{1 \times 6}{2 \times 6} = \frac{6}{12}, \quad \frac{2}{3} = \frac{2 \times 4}{3 \times 4} = \frac{8}{12}$$

$$\frac{1}{4} = \frac{1 \times 3}{4 \times 3} = \frac{3}{12}$$

答え $\frac{6}{12}, \frac{8}{12}, \frac{3}{12}$

② $(\frac{4}{3}, \frac{7}{10}, \frac{8}{15})$

$$\frac{4}{3} = \frac{4 \times 10}{3 \times 10} = \frac{40}{30}, \quad \frac{7}{10} = \frac{7 \times 3}{10 \times 3} = \frac{21}{30}$$

$$\frac{8}{1} = \frac{8 \times 2}{1 \times 2} = \frac{16}{2}$$

答え $\frac{40}{30}, \frac{21}{30}, \frac{16}{30}$

③ $(1\frac{2}{3}, 2\frac{3}{8}, 1\frac{5}{6})$

$$1\frac{2}{3} = 1\frac{2 \times 8}{3 \times 8} = 1\frac{16}{24}, \quad 2\frac{3}{8} = 2\frac{3 \times 3}{8 \times 3} = 2\frac{9}{24}$$

$$1\frac{5}{6} = 1\frac{5 \times 4}{6 \times 4} = 1\frac{20}{24}$$

答え $1\frac{16}{24}, 2\frac{9}{24}, 1\frac{20}{24}$



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・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう(うすい字はなぞろう)

① $(\frac{1}{2}, \frac{3}{4}, \frac{4}{5})$

$$\frac{1}{2} = \frac{1 \times 10}{2 \times 10} = \frac{10}{20}, \quad \frac{3}{4} = \frac{3 \times 5}{4 \times 5} = \frac{15}{20}$$

$$\frac{4}{5} = \frac{4 \times 4}{5 \times 4} = \frac{16}{20}$$

答え $\frac{10}{20}, \frac{15}{20}, \frac{16}{20}$

② $(\frac{3}{4}, \frac{5}{6}, \frac{3}{8})$

$$\frac{3}{4} = \frac{3 \times 6}{4 \times 6} = \frac{18}{24}, \quad \frac{5}{6} = \frac{5 \times 4}{6 \times 4} = \frac{20}{24}$$

$$\frac{3}{8} = \frac{3 \times 3}{8 \times 3} = \frac{9}{24}$$

答え $\frac{18}{24}, \frac{20}{24}, \frac{9}{24}$

③ $(2\frac{1}{3}, 1\frac{5}{6}, 2\frac{8}{9})$

$$2\frac{1}{3} = 2\frac{1 \times 6}{3 \times 6} = 2\frac{6}{18}, \quad 1\frac{5}{6} = 1\frac{5 \times 3}{6 \times 3} = 1\frac{15}{18}$$

$$2\frac{8}{9} = 2\frac{8 \times 2}{9 \times 2} = 2\frac{16}{18}$$

答え $2\frac{6}{18}, 1\frac{15}{18}, 2\frac{16}{18}$



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【通分】3つの分数の通分

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・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう(うすい字はなぞろう)

① $(\frac{1}{2}, \frac{2}{3}, \frac{5}{9})$

$$\frac{1}{2} = \frac{1 \times 9}{2 \times 9} = \frac{9}{18}, \quad \frac{2}{3} = \frac{2 \times 6}{3 \times 6} = \frac{12}{18}$$

$$\frac{5}{9} = \frac{5 \times 2}{9 \times 2} = \frac{10}{18}$$

答え $\frac{9}{18}, \frac{12}{18}, \frac{10}{18}$

② $(\frac{1}{4}, \frac{2}{5}, \frac{5}{6})$

$$\frac{1}{4} = \frac{1 \times 15}{4 \times 15} = \frac{15}{60}, \quad \frac{2}{5} = \frac{2 \times 12}{5 \times 12} = \frac{24}{60}$$

$$\frac{5}{6} = \frac{5 \times 10}{6 \times 10} = \frac{50}{60}$$

答え $\frac{15}{60}, \frac{24}{60}, \frac{50}{60}$

③ $(2\frac{1}{2}, 1\frac{4}{7}, 1\frac{3}{8})$

$$2\frac{1}{2} = 2\frac{1 \times 28}{2 \times 28} = 2\frac{28}{56}, \quad 1\frac{4}{7} = 1\frac{4 \times 8}{7 \times 8} = 1\frac{32}{56}$$

$$1\frac{3}{8} = 1\frac{3 \times 7}{8 \times 7} = 1\frac{21}{56}$$

答え $2\frac{28}{56}, 1\frac{32}{56}, 1\frac{21}{56}$



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・ () 中の分数を^{つうぶん}通分して、分母をそろえましょう(うすい字はなぞろう)

① $(\frac{1}{2}, \frac{3}{4}, \frac{2}{9})$

$$\frac{1}{2} = \frac{1 \times 18}{2 \times 18} = \frac{18}{36}, \quad \frac{3}{4} = \frac{3 \times 9}{4 \times 9} = \frac{27}{36}$$

$$\frac{2}{9} = \frac{2 \times 4}{9 \times 4} = \frac{8}{36}$$

答え $\frac{18}{36}, \frac{27}{36}, \frac{8}{36}$

② $(\frac{2}{3}, \frac{1}{6}, \frac{3}{8})$

$$\frac{2}{3} = \frac{2 \times 8}{3 \times 8} = \frac{16}{24}, \quad \frac{1}{6} = \frac{1 \times 4}{6 \times 4} = \frac{4}{24}$$

$$\frac{3}{8} = \frac{3 \times 3}{8 \times 3} = \frac{9}{24}$$

答え $\frac{16}{24}, \frac{4}{24}, \frac{9}{24}$

③ $(1\frac{1}{2}, 2\frac{2}{3}, 1\frac{3}{4})$

$$1\frac{1}{2} = 1\frac{1 \times 6}{2 \times 6} = 1\frac{6}{12}, \quad 2\frac{2}{3} = 2\frac{2 \times 4}{3 \times 4} = 2\frac{8}{12}$$

$$1\frac{3}{4} = 1\frac{3 \times 3}{4 \times 3} = 1\frac{9}{12}$$

答え $1\frac{6}{12}, 2\frac{8}{12}, 1\frac{9}{12}$



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【通分】3つの分数の通分

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・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう(うすい字はなぞろう)

① $(\frac{1}{2}, \frac{1}{6}, \frac{3}{5})$

$$\frac{1}{2} = \frac{1 \times 15}{2 \times 15} = \frac{15}{30}, \quad \frac{1}{6} = \frac{1 \times 5}{6 \times 5} = \frac{5}{30}$$

$$\frac{3}{5} = \frac{3 \times 6}{5 \times 6} = \frac{18}{30}$$

答え $\frac{15}{30}, \frac{5}{30}, \frac{18}{30}$

② $(\frac{1}{3}, \frac{4}{7}, \frac{2}{9})$

$$\frac{1}{3} = \frac{1 \times 21}{3 \times 21} = \frac{21}{63}, \quad \frac{4}{7} = \frac{4 \times 9}{7 \times 9} = \frac{36}{63}$$

$$\frac{2}{9} = \frac{2 \times 7}{9 \times 7} = \frac{14}{63}$$

答え $\frac{21}{63}, \frac{36}{63}, \frac{14}{63}$

③ $(2\frac{1}{2}, 3\frac{2}{3}, 2\frac{8}{9})$

$$2\frac{1}{2} = 2\frac{1 \times 9}{2 \times 9} = 2\frac{9}{18}, \quad 3\frac{2}{3} = 3\frac{2 \times 6}{3 \times 6} = 3\frac{12}{18}$$

$$2\frac{8}{9} = 2\frac{8 \times 2}{9 \times 2} = 2\frac{16}{18}$$

答え $2\frac{9}{18}, 3\frac{12}{18}, 2\frac{16}{18}$



分数のたし算とひき算6

【通分】3つの分数の通分



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・ () 中の分数を^{つうぶん}通分して、分母をそろえましょう(うすい字はなぞろう)

① $(\frac{3}{4}, \frac{5}{8}, \frac{4}{9})$

$$\frac{3}{4} = \frac{3 \times 18}{4 \times 18} = \frac{54}{72}, \quad \frac{5}{8} = \frac{5 \times 9}{8 \times 9} = \frac{45}{72}$$

$$\frac{4}{9} = \frac{4 \times 8}{9 \times 8} = \frac{32}{72}$$

答え $\frac{54}{72}, \frac{45}{72}, \frac{32}{72}$

② $(\frac{1}{2}, \frac{2}{3}, \frac{5}{7})$

$$\frac{1}{2} = \frac{1 \times 21}{2 \times 21} = \frac{21}{42}, \quad \frac{2}{3} = \frac{2 \times 14}{3 \times 14} = \frac{28}{42}$$

$$\frac{5}{7} = \frac{5 \times 6}{7 \times 6} = \frac{30}{42}$$

答え $\frac{21}{42}, \frac{28}{42}, \frac{30}{42}$

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

$$1\frac{3}{4} = 1\frac{3 \times 6}{4 \times 6} = 1\frac{18}{24}, \quad 2\frac{1}{6} = 2\frac{1 \times 4}{6 \times 4} = 2\frac{4}{24}$$

$$3\frac{3}{8} = 3\frac{3 \times 3}{8 \times 3} = 3\frac{9}{24}$$

答え $1\frac{18}{24}, 2\frac{4}{24}, 3\frac{9}{24}$



分数のたし算とひき算6

【通分】3つの分数の通分



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・ () 中の分数を^{つうぶん}通分して、分母をそろえましょう(うすい字はなぞろう)

① $(\frac{1}{2}, \frac{3}{5}, \frac{6}{7})$

$$\frac{1}{2} = \frac{1 \times 35}{2 \times 35} = \frac{35}{70}, \quad \frac{3}{5} = \frac{3 \times 14}{5 \times 14} = \frac{42}{70}$$

$$\frac{6}{7} = \frac{6 \times 10}{7 \times 10} = \frac{60}{70}$$

答え $\frac{35}{70}, \frac{42}{70}, \frac{60}{70}$

② $(\frac{3}{4}, \frac{1}{6}, \frac{8}{9})$

$$\frac{3}{4} = \frac{3 \times 9}{4 \times 9} = \frac{27}{36}, \quad \frac{1}{6} = \frac{1 \times 6}{6 \times 6} = \frac{6}{36}$$

$$\frac{8}{9} = \frac{8 \times 4}{9 \times 4} = \frac{32}{36}$$

答え $\frac{27}{36}, \frac{6}{36}, \frac{32}{36}$

③ $(2\frac{1}{2}, 2\frac{2}{3}, 3\frac{5}{8})$

$$2\frac{1}{2} = 2\frac{1 \times 12}{2 \times 12} = 2\frac{12}{24}, \quad 2\frac{2}{3} = 2\frac{2 \times 8}{3 \times 8} = 2\frac{16}{24}$$

$$3\frac{5}{8} = 3\frac{5 \times 3}{8 \times 3} = 3\frac{15}{24}$$

答え $2\frac{12}{24}, 2\frac{16}{24}, 3\frac{15}{24}$



分数のたし算とひき算6

●【通分】3つの分数の通分



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・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう

① $(\frac{1}{2}, \frac{2}{5}, \frac{4}{9})$

$$\frac{1}{2} = \frac{1 \times 45}{2 \times 45} = \frac{45}{90}, \quad \frac{2}{5} = \frac{2 \times 18}{5 \times 18} = \frac{36}{90}$$

$$\frac{4}{9} = \frac{4 \times 10}{9 \times 10} = \frac{40}{90}$$

答え $\frac{45}{90}, \frac{36}{90}, \frac{40}{90}$

② $(\frac{2}{3}, \frac{3}{4}, \frac{5}{6})$

$$\frac{2}{3} = \frac{2 \times 4}{3 \times 4} = \frac{8}{12}, \quad \frac{3}{4} = \frac{3 \times 3}{4 \times 3} = \frac{9}{12}$$

$$\frac{5}{6} = \frac{5 \times 2}{6 \times 2} = \frac{10}{12}$$

答え $\frac{8}{12}, \frac{9}{12}, \frac{10}{12}$

③ $(1\frac{3}{4}, 1\frac{5}{7}, 3\frac{7}{8})$

$$1\frac{3}{4} = 1\frac{3 \times 14}{4 \times 14} = 1\frac{42}{56}, \quad 1\frac{5}{7} = 1\frac{5 \times 8}{7 \times 8} = 1\frac{40}{56}$$

$$3\frac{7}{8} = 3\frac{7 \times 7}{8 \times 7} = 3\frac{49}{56}$$

答え $1\frac{42}{56}, 1\frac{40}{56}, 3\frac{49}{56}$



分数のたし算とひき算6

【通分】3つの分数の通分



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・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう

① $(\frac{1}{2}, \frac{2}{3}, \frac{5}{8})$

$$\frac{1}{2} = \frac{1 \times 12}{2 \times 12} = \frac{12}{24}, \quad \frac{2}{3} = \frac{2 \times 8}{3 \times 8} = \frac{16}{24}$$

$$\frac{5}{8} = \frac{5 \times 3}{8 \times 3} = \frac{15}{24}$$

答え $\frac{12}{24}, \frac{16}{24}, \frac{15}{24}$

② $(\frac{3}{4}, \frac{3}{5}, \frac{1}{6})$

$$\frac{3}{4} = \frac{3 \times 15}{4 \times 15} = \frac{45}{60}, \quad \frac{3}{5} = \frac{3 \times 12}{5 \times 12} = \frac{36}{60}$$

$$\frac{1}{6} = \frac{1 \times 10}{6 \times 10} = \frac{10}{60}$$

答え $\frac{45}{60}, \frac{36}{60}, \frac{10}{60}$

③ $(2\frac{5}{6}, 1\frac{2}{3}, 1\frac{4}{9})$

$$2\frac{5}{6} = 2\frac{5 \times 3}{6 \times 3} = 2\frac{15}{18}, \quad 1\frac{2}{3} = 1\frac{2 \times 6}{3 \times 6} = 1\frac{12}{18}$$

$$1\frac{4}{9} = 1\frac{4 \times 2}{9 \times 2} = 1\frac{8}{18}$$

答え $2\frac{15}{18}, 1\frac{12}{18}, 1\frac{8}{18}$



分数のたし算とひき算6

【通分】3つの分数の通分



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・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう

① $(\frac{2}{3}, \frac{5}{6}, \frac{1}{8})$

$$\frac{2}{3} = \frac{2 \times 8}{3 \times 8} = \frac{16}{24}, \quad \frac{5}{6} = \frac{5 \times 4}{6 \times 4} = \frac{20}{24}$$

$$\frac{1}{8} = \frac{1 \times 3}{8 \times 3} = \frac{3}{24}$$

答え $\frac{16}{24}, \frac{20}{24}, \frac{3}{24}$

② $(\frac{1}{2}, \frac{3}{4}, \frac{4}{5})$

$$\frac{1}{2} = \frac{1 \times 10}{2 \times 10} = \frac{10}{20}, \quad \frac{3}{4} = \frac{3 \times 5}{4 \times 5} = \frac{15}{20}$$

$$\frac{4}{5} = \frac{4 \times 4}{5 \times 4} = \frac{16}{20}$$

答え $\frac{10}{20}, \frac{15}{20}, \frac{16}{20}$

③ $(1\frac{1}{2}, 1\frac{5}{6}, 2\frac{3}{8})$

$$1\frac{1}{2} = 1\frac{1 \times 12}{2 \times 12} = 1\frac{12}{24}, \quad 1\frac{5}{6} = 1\frac{5 \times 4}{6 \times 4} = 1\frac{20}{24}$$

$$2\frac{3}{8} = 2\frac{3 \times 3}{8 \times 3} = 2\frac{9}{24}$$

答え $1\frac{12}{24}, 1\frac{20}{24}, 2\frac{9}{24}$



分数のたし算とひき算6

【通分】3つの分数の通分



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・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう

① $(\frac{1}{2}, \frac{3}{5}, \frac{3}{8})$

$$\frac{1}{2} = \frac{1 \times 20}{2 \times 20} = \frac{20}{40}, \quad \frac{3}{5} = \frac{3 \times 8}{5 \times 8} = \frac{24}{40}$$

$$\frac{3}{8} = \frac{3 \times 5}{8 \times 5} = \frac{15}{40}$$

答え $\frac{20}{40}, \frac{24}{40}, \frac{15}{40}$

② $(2\frac{1}{6}, 1\frac{3}{8}, 2\frac{4}{9})$

$$2\frac{1}{6} = 2\frac{1 \times 12}{6 \times 12} = 2\frac{12}{72}, \quad 1\frac{3}{8} = 1\frac{3 \times 9}{8 \times 9} = 1\frac{27}{72}$$

$$2\frac{4}{9} = 2\frac{4 \times 8}{9 \times 8} = 2\frac{32}{72}$$

答え $2\frac{12}{72}, 1\frac{27}{72}, 2\frac{32}{72}$

③ $(\frac{2}{3}, \frac{1}{4}, \frac{5}{6})$

$$\frac{2}{3} = \frac{2 \times 4}{3 \times 4} = \frac{8}{12}, \quad \frac{1}{4} = \frac{1 \times 3}{4 \times 3} = \frac{3}{12}$$

$$\frac{5}{6} = \frac{5 \times 2}{6 \times 2} = \frac{10}{12}$$

答え $\frac{8}{12}, \frac{3}{12}, \frac{10}{12}$



・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう

① $(\frac{1}{2}, \frac{2}{3}, \frac{6}{7})$

$$\frac{1}{2} = \frac{1 \times 21}{2 \times 21} = \frac{21}{42}, \quad \frac{2}{3} = \frac{2 \times 14}{3 \times 14} = \frac{28}{42}$$

$$\frac{6}{7} = \frac{6 \times 6}{7 \times 6} = \frac{36}{42}$$

答え $\frac{21}{42}, \frac{28}{42}, \frac{36}{42}$

② $(\frac{3}{4}, \frac{2}{5}, \frac{1}{8})$

$$\frac{3}{4} = \frac{3 \times 10}{4 \times 10} = \frac{30}{40}, \quad \frac{2}{5} = \frac{2 \times 8}{5 \times 8} = \frac{16}{40}$$

$$\frac{1}{8} = \frac{1 \times 5}{8 \times 5} = \frac{5}{40}$$

答え $\frac{30}{40}, \frac{16}{40}, \frac{5}{40}$

③ $(1\frac{2}{3}, 2\frac{1}{6}, 1\frac{7}{9})$

$$1\frac{2}{3} = 1\frac{2 \times 6}{3 \times 6} = 1\frac{12}{18}, \quad 2\frac{1}{6} = 2\frac{1 \times 3}{6 \times 3} = 2\frac{3}{18}$$

$$1\frac{7}{9} = 1\frac{7 \times 2}{9 \times 2} = 1\frac{14}{18}$$

答え $1\frac{12}{18}, 2\frac{3}{18}, 1\frac{14}{18}$



・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう

① $(\frac{2}{3}, \frac{5}{6}, \frac{8}{9})$

$$\frac{2}{3} = \frac{2 \times 6}{3 \times 6} = \frac{12}{18}, \quad \frac{5}{6} = \frac{5 \times 3}{6 \times 3} = \frac{15}{18}$$

$$\frac{8}{9} = \frac{8 \times 2}{9 \times 2} = \frac{16}{18}$$

答え $\frac{12}{18}, \frac{15}{18}, \frac{16}{18}$

② $(1\frac{3}{4}, 2\frac{2}{7}, 2\frac{3}{8})$

$$1\frac{3}{4} = 1\frac{3 \times 14}{4 \times 14} = 1\frac{42}{56}, \quad 2\frac{2}{7} = 2\frac{2 \times 8}{7 \times 8} = 2\frac{16}{56}$$

$$2\frac{3}{8} = 2\frac{3 \times 7}{8 \times 7} = 2\frac{21}{56}$$

答え $1\frac{42}{56}, 1\frac{16}{56}, 2\frac{21}{56}$

③ $(\frac{1}{2}, \frac{4}{5}, \frac{5}{8})$

$$\frac{1}{2} = \frac{1 \times 20}{2 \times 20} = \frac{20}{40}, \quad \frac{4}{5} = \frac{4 \times 8}{5 \times 8} = \frac{32}{40}$$

$$\frac{5}{8} = \frac{5 \times 5}{8 \times 5} = \frac{25}{40}$$

答え $\frac{20}{40}, \frac{32}{40}, \frac{25}{40}$



・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう

① $(\frac{1}{2}, \frac{5}{6}, \frac{1}{8})$

$$\frac{1}{2} = \frac{1 \times 12}{2 \times 12} = \frac{12}{24}, \quad \frac{5}{6} = \frac{5 \times 4}{6 \times 4} = \frac{20}{24}$$

$$\frac{1}{8} = \frac{1 \times 3}{8 \times 3} = \frac{3}{24}$$

答え $\frac{12}{24}, \frac{20}{24}, \frac{3}{24}$

② $(\frac{2}{3}, \frac{1}{4}, \frac{3}{5})$

$$\frac{2}{3} = \frac{2 \times 20}{3 \times 20} = \frac{40}{60}, \quad \frac{1}{4} = \frac{1 \times 15}{4 \times 15} = \frac{15}{60}$$

$$\frac{3}{5} = \frac{3 \times 12}{5 \times 12} = \frac{36}{60}$$

答え $\frac{40}{60}, \frac{15}{60}, \frac{36}{60}$

③ $(1\frac{3}{4}, 2\frac{5}{6}, 2\frac{2}{9})$

$$1\frac{3}{4} = 1\frac{2 \times 6}{3 \times 6} = 1\frac{12}{18}, \quad 2\frac{5}{6} = 2\frac{5 \times 3}{6 \times 3} = 2\frac{15}{18}$$

$$2\frac{2}{9} = 1\frac{7 \times 2}{9 \times 2} = 1\frac{14}{18}$$

答え $1\frac{12}{18}, 2\frac{15}{18}, 1\frac{14}{18}$



・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう

① $\left(\frac{3}{4}, \frac{1}{6}, \frac{5}{8} \right)$ (30点)

$$\frac{3}{4} = \frac{3 \times 6}{4 \times 6} = \frac{18}{24}, \quad \frac{1}{6} = \frac{1 \times 4}{6 \times 4} = \frac{4}{24}$$

$$\frac{5}{8} = \frac{5 \times 3}{8 \times 3} = \frac{15}{24}$$

答え $\frac{18}{24}, \frac{4}{24}, \frac{15}{24}$

② $\left(\frac{2}{3}, \frac{6}{7}, \frac{2}{9} \right)$ (30点)

$$\frac{2}{3} = \frac{2 \times 21}{3 \times 21} = \frac{42}{63}, \quad \frac{6}{7} = \frac{6 \times 9}{7 \times 9} = \frac{54}{63}$$

$$\frac{2}{9} = \frac{2 \times 7}{9 \times 7} = \frac{14}{63}$$

答え $\frac{42}{63}, \frac{54}{63}, \frac{14}{63}$

③ $\left(1\frac{1}{2}, 2\frac{3}{4}, 1\frac{5}{8} \right)$ (40点)

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

$$1\frac{5}{8} = 1\frac{5 \times 1}{8 \times 1} = 1\frac{5}{8}$$

答え $1\frac{4}{8}, 2\frac{6}{8}, 1\frac{5}{8}$



・ () の中の分数を^{つうぶん}通分して、分母をそろえましょう

① $\left(\frac{1}{2}, \frac{3}{7}, \frac{3}{8} \right)$ (30点)

$$\frac{1}{2} = \frac{1 \times 28}{2 \times 28} = \frac{28}{56}, \quad \frac{3}{7} = \frac{3 \times 8}{7 \times 8} = \frac{24}{56}$$

$$\frac{3}{8} = \frac{3 \times 7}{8 \times 7} = \frac{21}{56}$$

答え $\frac{28}{56}, \frac{24}{56}, \frac{21}{56}$

② $\left(\frac{3}{4}, \frac{1}{6}, \frac{5}{9} \right)$ (30点)

$$\frac{3}{4} = \frac{3 \times 9}{4 \times 9} = \frac{27}{36}, \quad \frac{1}{6} = \frac{1 \times 6}{6 \times 6} = \frac{6}{36}$$

$$\frac{5}{9} = \frac{5 \times 4}{9 \times 4} = \frac{20}{36}$$

答え $\frac{27}{36}, \frac{6}{36}, \frac{20}{36}$

③ $\left(2\frac{2}{3}, 2\frac{2}{5}, 1\frac{4}{9} \right)$ (40点)

$$2\frac{2}{3} = 2\frac{2 \times 15}{3 \times 15} = 2\frac{30}{45}, \quad 2\frac{2}{5} = 2\frac{2 \times 9}{5 \times 9} = 2\frac{18}{45}$$

$$1\frac{4}{9} = 1\frac{4 \times 5}{9 \times 5} = 1\frac{20}{45}$$

答え $2\frac{30}{45}, 2\frac{18}{45}, 1\frac{20}{45}$