

計算
エース

グレード 6 - 18

	年	月 日	名 前		点
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分数÷分数 ⑥ () のある計算

①

$$\left(\frac{2}{9} + \frac{1}{6}\right) \div \frac{7}{9} = \left(\frac{4}{18} + \frac{3}{18}\right) \times \frac{9}{7}$$

$$= \frac{\cancel{9}^1 \times \cancel{9}}{\cancel{18}_2 \times \cancel{7}} = \frac{1}{2}$$

②

$$\left(\frac{3}{4} + \frac{3}{8}\right) \div \frac{9}{10} = \left(\frac{6}{8} + \frac{3}{8}\right) \times \frac{10}{9}$$

$$= \frac{\cancel{9}^1 \times \cancel{10}^5}{\cancel{8}_4 \times \cancel{9}_1} = \frac{5}{4}$$

③

$$\left(\frac{2}{3} - \frac{1}{4}\right) \div \frac{5}{12} = \left(\frac{8}{12} - \frac{3}{12}\right) \times \frac{12}{5}$$

$$= \frac{\cancel{5}^1 \times \cancel{12}^1}{\cancel{12}_1 \times \cancel{5}_1} = 1$$

④

$$\begin{aligned} \frac{11}{21} \div \left(\frac{3}{4} - \frac{5}{14} \right) &= \frac{11}{21} \div \left(\frac{21}{28} - \frac{10}{28} \right) \\ &= \frac{11 \times \cancel{28}^4}{\cancel{21}_3 \times 11} \\ &= \frac{4}{3} \end{aligned}$$

⑤

$$\begin{aligned} \frac{8}{15} \div \left(\frac{5}{6} - \frac{2}{5} \right) &= \frac{8}{15} \div \left(\frac{25}{30} - \frac{12}{30} \right) \\ &= \frac{8 \times \cancel{30}^2}{\cancel{15}_3 \times 13} \\ &= \frac{16}{13} \end{aligned}$$

⑥

$$\begin{aligned} \frac{9}{20} \div \left(\frac{1}{2} + \frac{3}{10} \right) &= \frac{9}{20} \div \left(\frac{5}{10} + \frac{3}{10} \right) \\ &= \frac{9 \times \cancel{10}^1}{\cancel{20}_2 \times 8} \\ &= \frac{9^2}{16} \end{aligned}$$