

	年	月 日	名 前		点
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分数÷分数 ⑦ まとめ

1問9点 (減点法)

①

$$\frac{3}{8} \div \frac{5}{7} = \frac{3 \times 7}{8 \times 5}$$

$$= \frac{21}{40}$$

⑤

$$1 \frac{1}{6} \div \frac{1}{5} = \frac{7 \times 5}{6 \times 1}$$

$$= \frac{35}{6}$$

②

$$3 \div \frac{7}{10} = \frac{3 \times 10}{1 \times 7}$$

$$= \frac{30}{7}$$

⑥

$$2 \frac{2}{9} \div \frac{10}{21} = \frac{20^2 \times 21^7}{9_3 \times 10_1}$$

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

③

$$\frac{5}{14} \div \frac{4}{35} = \frac{5 \times 35^5}{14_2 \times 4}$$

$$= \frac{25}{8}$$

⑦

$$\frac{3}{10} \div 1 \frac{4}{5} = \frac{3^1 \times 5^1}{10_2 \times 9_3}$$

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

④

$$\frac{8}{9} \div \frac{24}{45} = \frac{8^1 \times 45^5}{9_1 \times 24_3}$$

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

⑧

$$\frac{5}{12} \div 2 \frac{2}{9} = \frac{5^1 \times 9^3}{12_4 \times 20_4}$$

$$= \frac{3}{16}$$

⑨

$$\frac{3}{11} \div \frac{5}{33} \div \frac{12}{25} = \frac{\cancel{3}^1 \times \cancel{33}^3 \times \cancel{25}^5}{\cancel{11}_1 \times \cancel{5}_1 \times \cancel{12}_4}$$

$$= \frac{15}{4}$$

⑩

$$\frac{33}{35} \div \left( \frac{6}{7} - \frac{1}{3} \right) = \frac{33}{35} \div \left( \frac{18}{21} - \frac{7}{21} \right)$$

$$= \frac{\cancel{33}^3 \times \cancel{21}^3}{\cancel{35}_5 \times \cancel{11}_1}$$

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

⑪

$$\left( \frac{1}{12} + \frac{4}{15} \right) \div \frac{3}{8} = \left( \frac{5}{60} + \frac{16}{60} \right) \frac{\times 8}{\times 3}$$

$$= \frac{\cancel{21}^7 \times \cancel{8}^2}{\cancel{60}_5 \times \cancel{3}_1}$$

$$= \frac{14}{15}$$