

分数のわり算5

(分数÷分数 約分あり)

年 組 名前()

次の分数の計算をしましょう。

$$(1) \frac{5}{6} \div \frac{9}{10} = \frac{5 \times 10}{6 \times 9} =$$

$$(8) \frac{2}{9} \div \frac{2}{3}$$

$$(2) \frac{2}{20} \div \frac{8}{11}$$

$$(9) \frac{2}{20} \div \frac{8}{11}$$

$$(3) \frac{9}{10} \div \frac{3}{4}$$

$$(10) \frac{3}{4} \div \frac{9}{10}$$

$$(4) \frac{5}{3} \div \frac{5}{6}$$

$$(11) \frac{3}{100} \div \frac{3}{25}$$

$$(5) \frac{4}{7} \div \frac{8}{11}$$

$$(12) \frac{2}{9} \div \frac{4}{7}$$

$$(6) \frac{2}{3} \div \frac{2}{9}$$

$$(13) \frac{4}{9} \div \frac{2}{3}$$

$$(7) \frac{3}{8} \div \frac{3}{4}$$

$$(14) \frac{2}{9} \div \frac{4}{9}$$

$$(15) \frac{2}{9} \div \frac{4}{5} \times \frac{4}{7}$$

$$(16) \frac{4}{5} \times \frac{4}{5} \div \frac{8}{11}$$

$$(17) \frac{6}{5} \div \frac{4}{7} \div \frac{6}{11}$$

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次の分数の計算をしましょう。

$$(1) \frac{5}{6} \div \frac{9}{10} = \frac{5 \times \cancel{10}^5}{\cancel{6}^3 \times 9} = \frac{25}{27}$$

$$(8) \frac{2}{9} \div \frac{2}{3} = \frac{\cancel{2}^1 \times \cancel{3}^1}{\cancel{9}^3 \times \cancel{2}^1} = \frac{1}{3}$$

$$(2) \frac{2}{20} \div \frac{8}{11} = \frac{\cancel{2}^1 \times 11}{20 \times \cancel{8}^4} = \frac{11}{80}$$

$$(9) \frac{2}{20} \div \frac{8}{11} = \frac{\cancel{2}^1 \times 11}{20 \times \cancel{8}^4} = \frac{11}{80}$$

$$(3) \frac{9}{10} \div \frac{3}{4} = \frac{\cancel{9}^3 \times \cancel{4}^2}{\cancel{10}^5 \times 3} = \frac{6}{5}$$

$$(10) \frac{3}{4} \div \frac{9}{10} = \frac{\cancel{3}^1 \times \cancel{10}^5}{\cancel{4}^2 \times \cancel{9}^3} = \frac{5}{6}$$

$$(4) \frac{5}{3} \div \frac{5}{6} = \frac{\cancel{5}^1 \times \cancel{6}^2}{\cancel{3}^1 \times \cancel{5}^1} = 2$$

$$(11) \frac{3}{100} \div \frac{3}{25} = \frac{\cancel{3}^1 \times \cancel{25}^5}{\cancel{100}^4 \times \cancel{3}^1} = \frac{1}{4}$$

$$(5) \frac{4}{7} \div \frac{8}{11} = \frac{\cancel{4}^1 \times 11}{7 \times \cancel{8}^2} = \frac{11}{14}$$

$$(12) \frac{2}{9} \div \frac{4}{7} = \frac{\cancel{2}^1 \times 7}{9 \times \cancel{4}^2} = \frac{7}{18}$$

$$(6) \frac{2}{3} \div \frac{2}{9} = \frac{\cancel{2}^1 \times \cancel{9}^3}{\cancel{3}^1 \times \cancel{2}^1} = 3$$

$$(13) \frac{4}{9} \div \frac{2}{3} = \frac{\cancel{4}^2 \times \cancel{3}^1}{\cancel{9}^3 \times \cancel{2}^1} = \frac{2}{3}$$

$$(7) \frac{3}{8} \div \frac{3}{4} = \frac{\cancel{3}^1 \times \cancel{4}^1}{\cancel{8}^2 \times \cancel{3}^1} = \frac{1}{2}$$

$$(14) \frac{2}{9} \div \frac{4}{9} = \frac{\cancel{2}^1 \times \cancel{9}^1}{\cancel{9}^1 \times \cancel{4}^2} = \frac{1}{2}$$

$$(15) \frac{2}{9} \div \frac{4}{5} \times \frac{4}{7} = \frac{\cancel{2}^1 \times 5 \times \cancel{4}^2}{9 \times \cancel{4}^1 \times 7} = \frac{10}{63}$$

$$(16) \frac{4}{5} \times \frac{4}{5} \div \frac{8}{11} = \frac{\cancel{4}^1 \times \cancel{4}^2 \times 11}{5 \times 5 \times \cancel{8}^1} = \frac{22}{25}$$

$$(17) \frac{6}{5} \div \frac{4}{7} \div \frac{6}{11} = \frac{\cancel{6}^1 \times 7 \times 11}{5 \times \cancel{4}^2 \times \cancel{6}^2} = \frac{77}{20}$$