

分数のわり算2

(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。

$$(1) \frac{8}{9} \div \frac{8}{11} = \frac{8 \times 11}{9 \times 8} =$$

$$(8) \frac{4}{3} \div \frac{4}{9}$$

$$(2) \frac{3}{4} \div \frac{6}{7}$$

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

$$(3) \frac{4}{9} \div \frac{8}{9}$$

$$(10) \frac{3}{8} \div \frac{3}{4}$$

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

$$(11) \frac{9}{100} \div \frac{6}{25}$$

$$(5) \frac{4}{9} \div \frac{12}{13}$$

$$(12) \frac{2}{9} \div \frac{2}{3}$$

$$(6) \frac{9}{4} \div \frac{9}{16}$$

$$(13) \frac{3}{7} \div \frac{3}{5}$$

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

$$(14) \frac{5}{7} \div \frac{5}{6}$$

$$(15) \frac{6}{11} \div \frac{6}{11} \times \frac{4}{7}$$

$$(16) \frac{3}{5} \times \frac{8}{11} \div \frac{12}{13}$$

$$(17) \frac{6}{5} \div \frac{6}{11} \div \frac{2}{5}$$

分数のわり算2

(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。

$$(1) \frac{8}{9} \div \frac{8}{11} = \frac{\cancel{8}^1 \times 11}{9 \times \cancel{8}_1} = \frac{11}{9} \quad (8) \frac{4}{3} \div \frac{4}{9} = \frac{\cancel{4}^1 \times \cancel{9}^3}{\cancel{3}_3 \times \cancel{4}_1} = 3$$

$$(2) \frac{3}{4} \div \frac{6}{7} = \frac{\cancel{3}^1 \times 7}{4 \times \cancel{6}_2} = \frac{7}{8} \quad (9) \frac{9}{10} \div \frac{3}{4} = \frac{\cancel{9}^3 \times \cancel{4}^2}{\cancel{10}_5 \times \cancel{3}_3} = \frac{6}{5}$$

$$(3) \frac{4}{9} \div \frac{8}{9} = \frac{\cancel{4}^2 \times \cancel{9}^1}{\cancel{9}_9 \times \cancel{8}_2} = \frac{1}{2} \quad (10) \frac{3}{8} \div \frac{3}{4} = \frac{\cancel{3}^1 \times \cancel{4}^2}{\cancel{8}_4 \times \cancel{3}_3} = \frac{1}{2}$$

$$(4) \frac{3}{4} \div \frac{9}{10} = \frac{\cancel{3}^3 \times \cancel{10}_2}{\cancel{4}_2 \times \cancel{9}_3} = \frac{5}{6} \quad (11) \frac{9}{100} \div \frac{6}{25} = \frac{\cancel{9}^3 \times \cancel{25}_5}{\cancel{100}_{10} \times \cancel{6}_2} = \frac{3}{8}$$

$$(5) \frac{4}{9} \div \frac{12}{13} = \frac{\cancel{4}^2 \times 13}{9 \times \cancel{12}_3} = \frac{13}{27} \quad (12) \frac{2}{9} \div \frac{2}{3} = \frac{\cancel{2}^1 \times \cancel{3}^1}{\cancel{9}_3 \times \cancel{2}_2} = \frac{1}{3}$$

$$(6) \frac{9}{4} \div \frac{9}{16} = \frac{\cancel{9}^3 \times \cancel{16}_4}{\cancel{4}_4 \times \cancel{9}_3} = 4 \quad (13) \frac{3}{7} \div \frac{3}{5} = \frac{\cancel{3}^1 \times 5}{7 \times \cancel{3}_3} = \frac{5}{7}$$

$$(7) \frac{2}{3} \div \frac{4}{9} = \frac{\cancel{2}^1 \times \cancel{9}^3}{\cancel{3}_3 \times \cancel{4}_2} = \frac{3}{2} \quad (14) \frac{5}{7} \div \frac{5}{6} = \frac{\cancel{5}^1 \times 6}{7 \times \cancel{5}_5} = \frac{6}{7}$$

$$(15) \frac{6}{11} \div \frac{6}{11} \times \frac{4}{7} = \frac{\cancel{6}^1 \times \cancel{11}^1 \times 4}{\cancel{11}_1 \times \cancel{6}_1 \times 7} = \frac{4}{7}$$

$$(16) \frac{3}{5} \times \frac{8}{11} \div \frac{12}{13} = \frac{\cancel{3}^1 \times \cancel{8}^2 \times 13}{5 \times 11 \times \cancel{12}_2} = \frac{26}{55}$$

$$(17) \frac{6}{5} \div \frac{6}{11} \div \frac{2}{5} = \frac{\cancel{6}^1 \times 11 \times \cancel{5}^1}{\cancel{5}_5 \times \cancel{6}_1 \times 2} = \frac{11}{2}$$