

分数のわり算8

(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。

$$(1) \frac{3}{8} \div \frac{3}{4} = \frac{3 \times 4}{8 \times 3} =$$

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

$$(2) \frac{15}{4} \div \frac{15}{16}$$

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

$$(3) \frac{9}{100} \div \frac{3}{25}$$

$$(10) \frac{2}{9} \div \frac{2}{3}$$

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

$$(11) \frac{2}{9} \div \frac{6}{7}$$

$$(5) \frac{9}{10} \div \frac{3}{4}$$

$$(12) \frac{2}{16} \div \frac{8}{9}$$

$$(6) \frac{5}{6} \div \frac{7}{9}$$

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

$$(7) \frac{3}{4} \div \frac{3}{16}$$

$$(14) \frac{7}{11} \div \frac{7}{8}$$

$$(15) \frac{4}{7} \div \frac{8}{9} \times \frac{6}{7}$$

$$(16) \frac{4}{7} \times \frac{4}{5} \div \frac{8}{9}$$

$$(17) \frac{8}{3} \div \frac{4}{7} \div \frac{4}{7}$$

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次の分数の計算をしましょう。

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

$$(8) \frac{4}{9} \div \frac{8}{9} = \frac{\overset{1}{\cancel{4}} \times \overset{1}{\cancel{9}}}{\underset{2}{\cancel{9}} \times \underset{1}{\cancel{8}}} = \frac{1}{2}$$

$$(2) \frac{15}{4} \div \frac{15}{16} = \frac{\overset{1}{\cancel{15}} \times \overset{4}{\cancel{16}}}{\underset{4}{\cancel{4}} \times \underset{1}{\cancel{15}}} = 4$$

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

$$(3) \frac{9}{100} \div \frac{3}{25} = \frac{\overset{3}{\cancel{9}} \times \overset{1}{\cancel{25}}}{\underset{4}{\cancel{100}} \times \underset{1}{\cancel{3}}} = \frac{3}{4}$$

$$(10) \frac{2}{9} \div \frac{2}{3} = \frac{\overset{1}{\cancel{2}} \times \overset{1}{\cancel{3}}}{\underset{3}{\cancel{9}} \times \underset{1}{\cancel{2}}} = \frac{1}{3}$$

$$(4) \frac{4}{7} \div \frac{2}{9} = \frac{\overset{2}{\cancel{4}} \times \overset{9}{\cancel{9}}}{\underset{7}{\cancel{7}} \times \underset{2}{\cancel{2}}} = \frac{18}{7}$$

$$(11) \frac{2}{9} \div \frac{6}{7} = \frac{\overset{1}{\cancel{2}} \times \overset{7}{\cancel{7}}}{\underset{3}{\cancel{9}} \times \underset{6}{\cancel{6}}} = \frac{7}{27}$$

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

$$(12) \frac{2}{16} \div \frac{8}{9} = \frac{\overset{1}{\cancel{2}} \times \overset{9}{\cancel{9}}}{\underset{8}{\cancel{16}} \times \underset{8}{\cancel{8}}} = \frac{9}{64}$$

$$(6) \frac{5}{6} \div \frac{7}{9} = \frac{\overset{3}{\cancel{5}} \times \overset{1}{\cancel{9}}}{\underset{2}{\cancel{6}} \times \underset{7}{\cancel{7}}} = \frac{15}{14}$$

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

$$(7) \frac{3}{4} \div \frac{3}{16} = \frac{\overset{1}{\cancel{3}} \times \overset{4}{\cancel{16}}}{\underset{1}{\cancel{4}} \times \underset{3}{\cancel{3}}} = 4$$

$$(14) \frac{7}{11} \div \frac{7}{8} = \frac{\overset{1}{\cancel{7}} \times \overset{8}{\cancel{8}}}{\underset{1}{\cancel{11}} \times \underset{7}{\cancel{7}}} = \frac{8}{11}$$

$$(15) \frac{4}{7} \div \frac{8}{9} \times \frac{6}{7} = \frac{\overset{1}{\cancel{4}} \times \overset{9}{\cancel{9}} \times \overset{3}{\cancel{6}}}{\underset{1}{\cancel{7}} \times \underset{8}{\cancel{8}} \times \underset{7}{\cancel{7}}} = \frac{27}{49}$$

$$(16) \frac{4}{7} \times \frac{4}{5} \div \frac{8}{9} = \frac{\overset{1}{\cancel{4}} \times \overset{2}{\cancel{4}} \times \overset{9}{\cancel{9}}}{\underset{1}{\cancel{7}} \times \underset{5}{\cancel{5}} \times \underset{8}{\cancel{8}}} = \frac{18}{35}$$

$$(17) \frac{8}{3} \div \frac{4}{7} \div \frac{4}{7} = \frac{\overset{1}{\cancel{8}} \times \overset{7}{\cancel{7}} \times \overset{7}{\cancel{7}}}{\underset{1}{\cancel{3}} \times \underset{1}{\cancel{4}} \times \underset{2}{\cancel{4}}} = \frac{49}{6}$$