分数のわり算6

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

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

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

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

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

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

(7) $\frac{5}{7} \div \frac{10}{13}$

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

(9) $\frac{6}{11} \div \frac{3}{5}$

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

(11) $\frac{4}{9} \div \frac{12}{17}$

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

(13) $\frac{4}{9} \div \frac{12}{17}$

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

(15) $\frac{3}{4} \div \frac{6}{11} \times \frac{4}{5}$

(16) $\frac{2}{5} \times \frac{3}{5} \div \frac{6}{7}$

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

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(分数÷分数 約分あり)

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次の分数の計算をしましょう。

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

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

(3) $\frac{3}{2} \div \frac{3}{8} = \frac{3 \times 8}{2 \times 3} = 4$

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

(5) $\frac{8}{3} \div \frac{8}{9} = \frac{8 \times 9}{3 \times 8} = 3$

(6) $\frac{4}{7} \div \frac{4}{5} = \frac{4 \times 5}{7 \times 4} = \frac{5}{7}$

(7) $\frac{5}{7} \div \frac{10}{13} = \frac{5 \times 13}{7 \times 10} = \frac{13}{14}$

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

(9) $\frac{6}{11} \div \frac{3}{5} = \frac{6 \times 5}{11 \times 3} = \frac{10}{11}$

(10) $\frac{3}{100} \div \frac{3}{25} = \frac{3 \times 25}{100 \times 3} = \frac{1}{4}$

(11) $\frac{4}{9} \div \frac{12}{17} = \frac{4 \times 17}{9 \times 12} = \frac{17}{27}$

(12) $\frac{2}{9} \div \frac{4}{9} = \frac{2 \times 9}{9 \times 4} = \frac{1}{2}$

(13) $\frac{4}{9} \div \frac{12}{17} = \frac{4 \times 17}{9 \times 12} = \frac{17}{27}$

(14) $\frac{2}{9} \div \frac{2}{3} = \frac{2 \times 3}{9 \times 2} = \frac{1}{3}$

(15) $\frac{3}{4} \div \frac{6}{11} \times \frac{4}{5} = \frac{3 \times 11 \times 4}{4 \times 6 \times 5} = \frac{11}{10}$

(16) $\frac{2}{5} \times \frac{3}{5} \div \frac{6}{7} = \frac{2 \times 3 \times 7}{5 \times 5 \times 6} = \frac{7}{25}$

(17) $\frac{8}{5} \div \frac{4}{7} \div \frac{8}{11} = \frac{8 \times 7 \times 11}{5 \times 4 \times 8} = \frac{77}{20}$