分数と小数の乗除

年　組　名前

/24

■ 次のかけ算の積やわり算の商を、整数か分数で表しましょう。

① $\frac{85}{6} \div 8.5 =$

② $2.4 \div \frac{8}{15} =$

③ $3.8 \div 1\frac{17}{40} =$

④ $2.8 \div 1\frac{2}{5} =$

⑤ $\frac{2}{15} \div 0.2 =$

⑥ $\frac{20}{51} \times 3.4 =$

⑦ $6.5 \div 4\frac{9}{14} =$

⑧ $2.2 \times \frac{5}{33} =$

⑨ $\frac{13}{25} \div 2.6 =$

⑩ $5.5 \div \frac{11}{16} =$

⑪ $\frac{25}{7} \times 1.4 =$

⑫ $7.5 \div \frac{75}{14} =$

⑬ $0.125 \div \frac{1}{72} =$

⑭ $\frac{27}{10} \div 1.8 =$

⑮ $\frac{16}{27} \times 2.25 =$

⑯ $3.5 \div 3\frac{1}{2} =$

⑰ $3.2 \times \frac{15}{64} =$

⑱ $1\frac{1}{3} \times 4.5 =$

⑲ $0.75 \div 2\frac{1}{4} =$

⑳ $0.5 \times 3\frac{1}{5} =$

㉑ $0.6 \div \frac{1}{10} =$

㉒ $0.25 \div \frac{1}{28} =$

㉓ $9.5 \div \frac{95}{6} =$

㉔ $3.6 \div \frac{18}{25} =$

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■ 次のかけ算の積やわり算の商を、整数か分数で表しましょう。

① $\frac{85}{6} \div 8.5 = \frac{\cancel{85}^{1}}{\cancel{6}_{3}} \times \frac{\cancel{10}^{5}}{\cancel{85}_{1}} = \frac{5}{3}$

② $2.4 \div \frac{8}{15} = \frac{\cancel{12}^{3}}{\cancel{5}_{1}} \times \frac{\cancel{15}^{3}}{\cancel{8}_{2}} = \frac{9}{2}$

③ $3.8 \div 1\frac{17}{40} = \frac{\cancel{19}^{1}}{\cancel{5}_{1}} \times \frac{\cancel{40}^{8}}{\cancel{57}_{3}} = \frac{8}{3}$

④ $2.8 \div 1\frac{2}{5} = \frac{\cancel{14}^{2}}{\cancel{5}_{1}} \times \frac{\cancel{5}^{1}}{\cancel{7}_{1}} = 2$

⑤ $\frac{2}{15} \div 0.2 = \frac{\cancel{2}^{1}}{\cancel{15}_{3}} \times \frac{\cancel{10}^{2}}{\cancel{2}_{1}} = \frac{2}{3}$

⑥ $\frac{20}{51} \times 3.4 = \frac{\cancel{20}^{4}}{\cancel{51}_{3}} \times \frac{\cancel{17}^{1}}{\cancel{5}_{1}} = \frac{4}{3}$

⑦ $6.5 \div 4\frac{9}{14} = \frac{\cancel{65}^{1}}{\cancel{10}_{5}} \times \frac{\cancel{14}^{7}}{\cancel{65}_{1}} = \frac{7}{5}$

⑧ $2.2 \times \frac{5}{33} = \frac{\cancel{11}^{1}}{\cancel{5}_{1}} \times \frac{\cancel{5}^{1}}{\cancel{33}_{3}} = \frac{1}{3}$

⑨ $\frac{13}{25} \div 2.6 = \frac{\cancel{13}^{1}}{\cancel{25}_{5}} \times \frac{\cancel{5}^{1}}{\cancel{13}_{1}} = \frac{1}{5}$

⑩ $5.5 \div \frac{11}{16} = \frac{\cancel{11}^{1}}{\cancel{2}_{1}} \times \frac{\cancel{16}^{8}}{\cancel{11}_{1}} = 8$

⑪ $\frac{25}{7} \times 1.4 = \frac{\cancel{25}^{5}}{\cancel{7}_{1}} \times \frac{\cancel{7}^{1}}{\cancel{5}_{1}} = 5$

⑫ $7.5 \div \frac{75}{14} = \frac{\cancel{75}^{1}}{\cancel{10}_{5}} \times \frac{\cancel{14}^{7}}{\cancel{75}_{1}} = \frac{7}{5}$

⑬ $0.125 \div \frac{1}{72} = \frac{1}{\cancel{8}_{1}} \times \frac{\cancel{72}^{9}}{1} = 9$

⑭ $\frac{27}{10} \div 1.8 = \frac{\cancel{27}^{3}}{\cancel{10}_{1}} \times \frac{\cancel{10}^{1}}{\cancel{18}_{2}} = \frac{3}{2}$

⑮ $\frac{16}{27} \times 2.25 = \frac{\cancel{16}^{4}}{\cancel{27}_{3}} \times \frac{\cancel{9}^{1}}{\cancel{4}_{1}} = \frac{4}{3}$

⑯ $3.5 \div 3\frac{1}{2} = \frac{\cancel{7}^{1}}{\cancel{2}_{1}} \times \frac{\cancel{2}^{1}}{\cancel{7}_{1}} = 1$

⑰ $3.2 \times \frac{15}{64} = \frac{\cancel{16}^{1}}{\cancel{5}_{1}} \times \frac{\cancel{15}^{3}}{\cancel{64}_{4}} = \frac{3}{4}$

⑱ $1\frac{1}{3} \times 4.5 = \frac{\cancel{4}^{2}}{\cancel{3}_{1}} \times \frac{\cancel{9}^{3}}{\cancel{2}_{1}} = 6$

⑲ $0.75 \div 2\frac{1}{4} = \frac{\cancel{3}^{1}}{\cancel{4}_{1}} \times \frac{\cancel{4}^{1}}{\cancel{9}_{3}} = \frac{1}{3}$

⑳ $0.5 \times 3\frac{1}{5} = \frac{\cancel{5}^{1}}{\cancel{10}_{5}} \times \frac{\cancel{16}^{8}}{\cancel{5}_{1}} = \frac{8}{5}$

㉑ $0.6 \div \frac{1}{10} = \frac{6}{\cancel{10}_{1}} \times \frac{\cancel{10}^{1}}{1} = 6$

㉒ $0.25 \div \frac{1}{28} = \frac{1}{\cancel{4}_{1}} \times \frac{\cancel{28}^{7}}{1} = 7$

㉓ $9.5 \div \frac{95}{6} = \frac{\cancel{95}^{1}}{\cancel{10}_{5}} \times \frac{\cancel{6}^{3}}{\cancel{95}_{1}} = \frac{3}{5}$

㉔ $3.6 \div \frac{18}{25} = \frac{\cancel{18}^{1}}{\cancel{5}_{1}} \times \frac{\cancel{25}^{5}}{\cancel{18}_{1}} = 5$