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 $\frac{27}{10} \div 3.6 =$

② $\frac{4}{15} \times 2.25 =$

③ $0.125 \div \frac{5}{72} =$

④ $3.8 \times \frac{15}{38} =$

⑤ $2.6 \times 1\frac{12}{13} =$

⑥ $1.75 \div 1\frac{3}{4} =$

⑦ $6.5 \times \frac{7}{26} =$

⑧ $\frac{21}{20} \div 2.8 =$

⑨ $\frac{5}{32} \times 3.2 =$

⑩ $0.375 \times \frac{40}{3} =$

⑪ $0.2 \div \frac{4}{45} =$

⑫ $0.75 \div \frac{9}{28} =$

⑬ $5.5 \times \frac{4}{11} =$

⑭ $\frac{17}{40} \div 3.4 =$

⑮ $\frac{30}{7} \times 1.4 =$

⑯ $4.5 \div \frac{9}{8} =$

⑰ $1.8 \div \frac{6}{5} =$

⑱ $2.2 \div \frac{11}{5} =$

⑲ $0.5 \times 5\frac{1}{3} =$

⑳ $\frac{2}{35} \times 3.5 =$

㉑ $21\frac{1}{4} \div 8.5 =$

㉒ $\frac{8}{45} \times 7.5 =$

㉓ $0.6 \times \frac{25}{3} =$

㉔ $1.5 \times \frac{4}{5} =$

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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 $\frac{27}{10} \div 3.6 = \frac{\overset{3}{\cancel{27}}}{\underset{1}{\cancel{10}}} \times \frac{\overset{1}{\cancel{10}}}{\underset{4}{\cancel{36}}} = \frac{3}{4}$

② $\frac{4}{15} \times 2.25 = \frac{\overset{1}{\cancel{4}}}{\underset{5}{\cancel{15}}} \times \frac{\overset{3}{\cancel{9}}}{\underset{1}{\cancel{4}}} = \frac{3}{5}$

③ $0.125 \div \frac{5}{72} = \frac{1}{\underset{1}{\cancel{8}}} \times \frac{\overset{9}{\cancel{72}}}{5} = \frac{9}{5}$

④ $3.8 \times \frac{15}{38} = \frac{\overset{1}{\cancel{38}}}{\underset{2}{\cancel{10}}} \times \frac{\overset{3}{\cancel{15}}}{\underset{1}{\cancel{38}}} = \frac{3}{2}$

⑤ $2.6 \times 1\frac{12}{13} = \frac{\overset{1}{\cancel{13}}}{\underset{1}{\cancel{5}}} \times \frac{\overset{5}{\cancel{25}}}{\underset{1}{\cancel{13}}} = 5$

⑥ $1.75 \div 1\frac{3}{4} = \frac{\overset{1}{\cancel{7}}}{\underset{1}{\cancel{4}}} \times \frac{\overset{1}{\cancel{4}}}{\underset{1}{\cancel{7}}} = 1$

⑦ $6.5 \times \frac{7}{26} = \frac{\overset{1}{\cancel{13}}}{2} \times \frac{7}{\underset{2}{\cancel{26}}} = \frac{7}{4}$

⑧ $\frac{21}{20} \div 2.8 = \frac{\overset{3}{\cancel{21}}}{\underset{4}{\cancel{20}}} \times \frac{\overset{1}{\cancel{5}}}{\underset{2}{\cancel{14}}} = \frac{3}{8}$

⑨ $\frac{5}{32} \times 3.2 = \frac{\overset{1}{\cancel{5}}}{\underset{1}{\cancel{32}}} \times \frac{\overset{1}{\cancel{32}}}{\underset{2}{\cancel{10}}} = \frac{1}{2}$

⑩ $0.375 \times \frac{40}{3} = \frac{\overset{1}{\cancel{3}}}{\underset{1}{\cancel{8}}} \times \frac{\overset{5}{\cancel{40}}}{\underset{1}{\cancel{3}}} = 5$

⑪ $0.2 \div \frac{4}{45} = \frac{1}{\underset{1}{\cancel{5}}} \times \frac{\overset{9}{\cancel{45}}}{4} = \frac{9}{4}$

⑫ $0.75 \div \frac{9}{28} = \frac{\overset{1}{\cancel{3}}}{\underset{1}{\cancel{4}}} \times \frac{\overset{7}{\cancel{28}}}{\underset{3}{\cancel{9}}} = \frac{7}{3}$

⑬ $5.5 \times \frac{4}{11} = \frac{\overset{1}{\cancel{11}}}{\underset{1}{\cancel{2}}} \times \frac{\overset{2}{\cancel{4}}}{\underset{1}{\cancel{11}}} = 2$

⑭ $\frac{17}{40} \div 3.4 = \frac{\overset{1}{\cancel{17}}}{\underset{8}{\cancel{40}}} \times \frac{\overset{1}{\cancel{5}}}{\underset{1}{\cancel{17}}} = \frac{1}{8}$

⑮ $\frac{30}{7} \times 1.4 = \frac{\overset{6}{\cancel{30}}}{\underset{1}{\cancel{7}}} \times \frac{\overset{1}{\cancel{7}}}{\underset{1}{\cancel{5}}} = 6$

⑯ $4.5 \div \frac{9}{8} = \frac{\overset{1}{\cancel{9}}}{\underset{2}{\cancel{2}}} \times \frac{\overset{4}{\cancel{8}}}{\underset{1}{\cancel{9}}} = 4$

⑰ $1.8 \div \frac{6}{5} = \frac{\overset{3}{\cancel{9}}}{\underset{1}{\cancel{5}}} \times \frac{\overset{1}{\cancel{5}}}{\underset{2}{\cancel{6}}} = \frac{3}{2}$

⑱ $2.2 \div \frac{11}{5} = \frac{\overset{1}{\cancel{11}}}{\underset{1}{\cancel{5}}} \times \frac{\overset{1}{\cancel{5}}}{\underset{1}{\cancel{11}}} = 1$

⑲ $0.5 \times 5\frac{1}{3} = \frac{1}{\underset{1}{\cancel{2}}} \times \frac{\overset{8}{\cancel{16}}}{3} = \frac{8}{3}$

⑳ $\frac{2}{35} \times 3.5 = \frac{\overset{1}{\cancel{2}}}{\underset{1}{\cancel{35}}} \times \frac{\overset{1}{\cancel{35}}}{\underset{5}{\cancel{10}}} = \frac{1}{5}$

㉑ $21\frac{1}{4} \div 8.5 = \frac{\overset{1}{\cancel{85}}}{\underset{2}{\cancel{4}}} \times \frac{\overset{5}{\cancel{10}}}{\underset{1}{\cancel{85}}} = \frac{5}{2}$

㉒ $\frac{8}{45} \times 7.5 = \frac{\overset{4}{\cancel{8}}}{\underset{3}{\cancel{45}}} \times \frac{\overset{1}{\cancel{15}}}{2} = \frac{4}{3}$

㉓ $0.6 \times \frac{25}{3} = \frac{\overset{1}{\cancel{3}}}{\underset{1}{\cancel{5}}} \times \frac{\overset{5}{\cancel{25}}}{\underset{1}{\cancel{3}}} = 5$

㉔ $1.5 \times \frac{4}{5} = \frac{3}{\underset{1}{\cancel{2}}} \times \frac{\overset{2}{\cancel{4}}}{5} = \frac{6}{5}$