Dividing Fractions by Mixed Numbers

Solve the following. Show your work.

① $\dfrac{13}{12} \div 1\dfrac{3}{8} =$

② $\dfrac{2}{9} \div 3\dfrac{1}{3} =$

③ $\dfrac{3}{8} \div 2\dfrac{2}{4} =$

④ $\dfrac{3}{12} \div 2\dfrac{1}{3} =$

⑤ $\dfrac{5}{6} \div 2\dfrac{2}{3} =$

⑥ $\dfrac{5}{2} \div 4\dfrac{3}{4} =$

⑦ $\dfrac{6}{10} \div 4\dfrac{1}{2} =$

⑧ $\dfrac{5}{8} \div 7\dfrac{3}{4} =$

⑨ $\dfrac{4}{6} \div 4\dfrac{1}{3} =$

⑩ $\dfrac{7}{10} \div 3\dfrac{4}{5} =$

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MATH MONKS

Answers.

① $\dfrac{13}{12} \div 1\dfrac{3}{8} = \dfrac{26}{33}$

② $\dfrac{2}{9} \div 3\dfrac{1}{3} = \dfrac{1}{15}$

③ $\dfrac{3}{8} \div 2\dfrac{2}{4} = \dfrac{3}{20}$

④ $\dfrac{3}{12} \div 2\dfrac{1}{3} = \dfrac{3}{28}$

⑤ $\dfrac{5}{6} \div 2\dfrac{2}{3} = \dfrac{5}{16}$

⑥ $\dfrac{5}{2} \div 4\dfrac{3}{4} = \dfrac{10}{19}$

⑦ $\dfrac{6}{10} \div 4\dfrac{1}{2} = \dfrac{2}{15}$

⑧ $\dfrac{5}{8} \div 7\dfrac{3}{4} = \dfrac{5}{62}$

⑨ $\dfrac{4}{6} \div 4\dfrac{1}{3} = \dfrac{2}{13}$

⑩ $\dfrac{7}{10} \div 3\dfrac{4}{5} = \dfrac{7}{38}$