

Fill in the Blanks

Dividing Mixed Numbers

| Question | Write as Improper Fractions | Write as a Multiplication | Multiply and Simplify (where possible) | Answer as Mixed Number |
|-----------------------------------|-----------------------------------|-------------------------------------|--|------------------------|
| $2\frac{2}{3} \div 1\frac{1}{2}$ | $\frac{8}{3} \div \frac{3}{2}$ | $\frac{8}{3} \times \frac{2}{3}$ | $\frac{16}{9}$ | $1\frac{7}{9}$ |
| $5\frac{1}{2} \div 1\frac{3}{4}$ | $\frac{11}{2} \div \frac{7}{4}$ | $\frac{11}{2} \times \frac{4}{7}$ | $\frac{44}{14} = \frac{22}{7}$ | $3\frac{1}{7}$ |
| $4\frac{3}{5} \div 2\frac{2}{3}$ | $\frac{23}{5} \div \frac{8}{3}$ | $\frac{23}{5} \times \frac{3}{8}$ | $\frac{69}{40}$ | $1\frac{29}{40}$ |
| $7\frac{2}{3} \div 1\frac{1}{6}$ | $\frac{23}{3} \div \frac{7}{6}$ | $\frac{23}{3} \times \frac{6}{7}$ | $\frac{138}{21} = \frac{46}{7}$ | $6\frac{4}{7}$ |
| $3\frac{7}{8} \div \frac{3}{4}$ | $\frac{31}{8} \div \frac{3}{4}$ | $\frac{31}{8} \times \frac{4}{3}$ | $\frac{124}{24} = \frac{31}{6}$ | $5\frac{1}{6}$ |
| $1\frac{4}{5} \div 2\frac{2}{3}$ | $\frac{9}{5} \div \frac{8}{3}$ | $\frac{9}{5} \times \frac{3}{8}$ | $\frac{27}{40}$ | $\frac{27}{40}$ |
| $4\frac{1}{6} \div 1\frac{5}{12}$ | $\frac{25}{6} \div \frac{17}{12}$ | $\frac{25}{6} \times \frac{12}{17}$ | $\frac{300}{102} = \frac{50}{17}$ | $2\frac{16}{17}$ |
| $3\frac{3}{10} \div 1\frac{4}{5}$ | $\frac{33}{10} \div \frac{9}{5}$ | $\frac{33}{10} \times \frac{5}{9}$ | $\frac{165}{90} = \frac{11}{6}$ | $1\frac{5}{6}$ |
| $5\frac{1}{2} \div 3\frac{2}{3}$ | $\frac{11}{2} \div \frac{11}{3}$ | $\frac{11}{2} \times \frac{3}{11}$ | $\frac{33}{22} = \frac{3}{2}$ | $1\frac{1}{2}$ |
| $3\frac{1}{6} \div 1\frac{2}{5}$ | $\frac{19}{6} \div \frac{7}{5}$ | $\frac{19}{6} \times \frac{5}{7}$ | $\frac{95}{42}$ | $2\frac{11}{42}$ |
| $2\frac{5}{9} \div 2\frac{1}{3}$ | $\frac{23}{9} \div \frac{7}{3}$ | $\frac{23}{9} \times \frac{3}{7}$ | $\frac{69}{63} = \frac{23}{21}$ | $1\frac{2}{21}$ |
| $4\frac{1}{2} \div 3\frac{1}{3}$ | $\frac{9}{2} \div \frac{10}{3}$ | $\frac{9}{2} \times \frac{3}{10}$ | $\frac{27}{20}$ | $1\frac{7}{20}$ |