

Multiplying and Dividing Fractions



Section A: Simplify answers where possible and leave as **improper** fractions when necessary.

1) $\frac{1}{4} \times 2$	3) $\frac{3}{7} \times 5$	5) $\frac{7}{8} \times 10$	7) $3 \times \frac{7}{9}$	9) $5 \times \frac{9}{20}$
2) $\frac{1}{5} \times 3$	4) $\frac{5}{7} \times 3$	6) $\frac{3}{5} \times 4$	8) $8 \times \frac{3}{12}$	10) $12 \times \frac{11}{100}$

Section B: Simplify answers where possible.

1) $\frac{2}{5} \times \frac{3}{7}$	3) $\frac{2}{7} \times \frac{2}{9}$	5) $\frac{3}{8} \times \frac{7}{12}$	7) $\frac{4}{5} \times \frac{3}{6}$	9) $\frac{5}{11} \times \frac{3}{5}$
2) $\frac{4}{5} \times \frac{3}{10}$	4) $\frac{2}{9} \times \frac{6}{11}$	6) $\frac{10}{12} \times \frac{7}{8}$	8) $\frac{6}{12} \times \frac{3}{8}$	10) $\frac{21}{100} \times \frac{2}{50}$

Section C: Simplify answers where possible and leave as **improper** fractions when necessary.

1) $\frac{5}{7} \div 4$	3) $\frac{12}{11} \div 8$	5) $5 \div \frac{2}{7}$	7) $\frac{3}{8} \div \frac{2}{5}$	9) $\frac{10}{3} \div \frac{5}{11}$
2) $\frac{9}{4} \div 7$	4) $9 \div \frac{1}{3}$	6) $\frac{7}{3} \div \frac{4}{3}$	8) $\frac{5}{2} \div \frac{3}{7}$	10) $\frac{7}{12} \div \frac{8}{9}$

Section D: Simplify answers where possible and leave as **improper** fractions when necessary.

1) $\frac{\frac{1}{2}}{\frac{3}{5}}$	2) $\frac{\frac{5}{6}}{\frac{8}{11}}$	3) $\frac{\frac{4}{7}}{3}$	4) $\frac{\frac{3}{4}}{9}$	5) $\frac{7}{\frac{1}{2}}$	6) $\frac{\frac{11}{3}}{5}$
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Section E: Simplify answers where possible and leave as **mixed** fractions.

1) $2\frac{1}{4} \times 3\frac{1}{2}$	4) $3\frac{5}{6} \times 4\frac{2}{5}$	7) $7 \div 5\frac{7}{11}$
2) $2\frac{3}{4} \times 6\frac{2}{3}$	5) $4\frac{2}{7} \div 2$	8) $6\frac{1}{12} \div 3\frac{1}{2}$
3) $7\frac{1}{4} \times 2\frac{2}{5}$	6) $3 \div 1\frac{3}{8}$	9) $3\frac{2}{5} \div 4\frac{9}{10}$