

Multiplying Mixed Numbers

1. Change the mixed numbers to improper fractions.
2. Cancel and multiply.
3. If necessary, write the answer as a mixed number. Reduce to lowest terms.

Example: Multiply $2\frac{1}{2} \times 3\frac{1}{3}$

Step 1: $\frac{5}{2} \times \frac{10}{3}$

Step 2: $\frac{5}{\cancel{2}^1} \times \frac{\cancel{10}^5}{3}$

Step 3: $\frac{25}{3} = 8\frac{1}{3}$

$4\frac{4}{5} \times 5\frac{1}{2} = \underline{\hspace{2cm}}$

$5\frac{5}{7} \times 3\frac{3}{8} = \underline{\hspace{2cm}}$

$3\frac{4}{5} \times 4\frac{2}{7} = \underline{\hspace{2cm}}$

$4\frac{4}{10} \times 3\frac{1}{2} = \underline{\hspace{2cm}}$

$2\frac{4}{5} \times 2\frac{1}{4} = \underline{\hspace{2cm}}$

$2\frac{5}{6} \times 2\frac{2}{3} = \underline{\hspace{2cm}}$

$1\frac{2}{7} \times 4\frac{6}{8} = \underline{\hspace{2cm}}$

$4\frac{1}{2} \times 3\frac{1}{5} = \underline{\hspace{2cm}}$

$3\frac{2}{4} \times 1\frac{3}{7} = \underline{\hspace{2cm}}$

$1\frac{4}{7} \times 4\frac{1}{2} = \underline{\hspace{2cm}}$

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Step 3: $\frac{25}{3} = 8\frac{1}{3}$

$$4\frac{4}{5} \times 5\frac{1}{2} = \underline{26\frac{2}{5}}$$

$$5\frac{5}{7} \times 3\frac{3}{8} = \underline{19\frac{2}{7}}$$

$$3\frac{4}{5} \times 4\frac{2}{7} = \underline{16\frac{2}{7}}$$

$$4\frac{4}{10} \times 3\frac{1}{2} = \underline{15\frac{2}{5}}$$

$$2\frac{4}{5} \times 2\frac{1}{4} = \underline{6\frac{3}{10}}$$

$$2\frac{5}{6} \times 2\frac{2}{3} = \underline{7\frac{5}{9}}$$

$$1\frac{2}{7} \times 4\frac{6}{8} = \underline{6\frac{3}{28}}$$

$$4\frac{1}{2} \times 3\frac{1}{5} = \underline{14\frac{2}{5}}$$

$$3\frac{2}{4} \times 1\frac{3}{7} = \underline{5}$$

$$1\frac{4}{7} \times 4\frac{1}{2} = \underline{7\frac{1}{14}}$$