

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

$3\frac{2}{5} \times 1\frac{2}{6} = \underline{\hspace{2cm}}$

$1\frac{1}{5} \times 2\frac{4}{6} = \underline{\hspace{2cm}}$

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

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

$2\frac{4}{8} \times 3\frac{8}{10} = \underline{\hspace{2cm}}$

$2\frac{3}{6} \times 1\frac{1}{3} = \underline{\hspace{2cm}}$

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

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

$2\frac{4}{7} \times 2\frac{3}{10} = \underline{\hspace{2cm}}$

$3\frac{3}{4} \times 1\frac{8}{10} = \underline{\hspace{2cm}}$

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

$$3\frac{2}{5} \times 1\frac{2}{6} = \underline{4\frac{8}{15}}$$

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

$$1\frac{2}{10} \times 3\frac{1}{10} = \underline{3\frac{18}{25}}$$

$$1\frac{2}{5} \times 2\frac{1}{4} = \underline{3\frac{3}{20}}$$

$$2\frac{4}{8} \times 3\frac{8}{10} = \underline{9\frac{1}{2}}$$

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

$$3\frac{3}{5} \times 1\frac{3}{5} = \underline{5\frac{19}{25}}$$

$$3\frac{3}{7} \times 3\frac{1}{5} = \underline{10\frac{34}{35}}$$

$$2\frac{4}{7} \times 2\frac{3}{10} = \underline{5\frac{32}{35}}$$

$$3\frac{3}{4} \times 1\frac{8}{10} = \underline{6\frac{3}{4}}$$