

# How to Multiply Fractions

Step 1: Change any whole number or mixed number to an improper fraction

Examples:  $4 \times 3\frac{1}{5}$

To change a **whole** number to a fraction, put it as a numerator over the denominator of 1.

To change a **mixed number** to a fraction, multiply the denominator by the whole number and add the numerator. This becomes the numerator. Keep the denominator the same.



$$\frac{4}{1} \times \frac{16}{5}$$

Step 2: Multiply Across

$$\frac{4}{1} \times \frac{16}{5} = \frac{4 \times 16}{1 \times 5} = \frac{64}{5}$$

Step 3: Simplify if Needed

$$\frac{64}{5} = 12\frac{4}{5}$$

5 divides into 64 **12** times, with **4** left over.