Multiplies Mixed Numbers

Besides multiplying fractions by each other, we can also multiply:

1. A fraction by a whole number (or vice versa)
2. A fraction by a mixed number (or vice versa)
3. A whole number by a mixed number
4. Mixed numbers by each other

Example 1:

$$\frac{2}{3} \times 4 = \frac{2 \times 4}{3} = \frac{8}{3} \text{ or } 2\frac{2}{3} \text{ as a mixed number}$$

Example 2:

$$\frac{1}{2} \times 2\frac{1}{3} = \frac{1}{2} \times \frac{7}{3} = \frac{1 \times 7}{2 \times 3} = \frac{7}{6}$$

$$\text{or } 1\frac{1}{6} \text{ as a mixed number}$$