

FRACTIONS

'Adding Mixed Numbers'

Adding Mixed numbers is easy!

Just convert the mixed numbers into improper fractions first and then simply add them.

Example:

Add. $3\frac{1}{2} + 4\frac{2}{3}$

Solution:

$$\begin{aligned} 3\frac{1}{2} + 4\frac{2}{3} &= \frac{7}{2} + \frac{14}{3} \\ &= \frac{7 \times 3}{2 \times 3} + \frac{14 \times 2}{3 \times 2} \\ &= \frac{21}{6} + \frac{28}{6} \\ &= \frac{21+28}{6} = \frac{49}{6} = 8\frac{1}{6} \end{aligned}$$