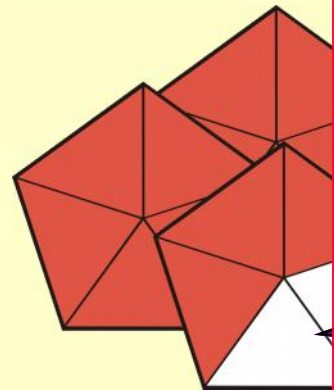


# FRACTIONS

## Adding Mixed Numbers With Like Denominators (horizontally)

To add mixed numbers with like denominators, you first add the whole numbers and then add the fractions.



$$2\frac{3}{5} + 1\frac{2}{5}$$

An alternative method is to convert the mixed numbers to improper fractions, add them, and then convert the result back to a mixed number.

$$\begin{aligned} 2\frac{3}{5} + 1\frac{2}{5} &= 2 + 1 + \frac{3}{5} + \frac{2}{5} \\ &= 3\frac{4}{5} \end{aligned}$$

## Adding Mixed Numbers With Like Denominators (vertically)

The sum is written



$$\begin{array}{r} 3\frac{2}{8} \\ + 1\frac{3}{8} \\ \hline 4\frac{5}{8} \end{array}$$

