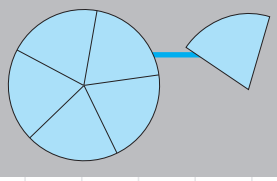
8. Addition and subtraction of mixed numbers with equal denominators by conversion

1 Solve using sectors or drawings:

Example

$\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$



a | $\frac{5}{8} + \frac{7}{8} =$

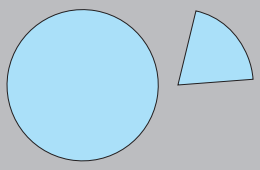
b | $1\frac{3}{4} + \frac{3}{4} =$

2 Solve using sectors or drawings :

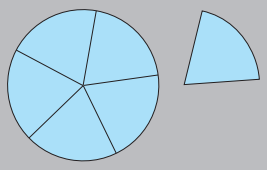
Example

$1\frac{1}{5} - \frac{2}{5} =$ ☐

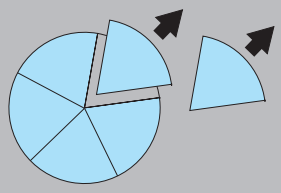
a. Prepare $1\frac{1}{5}$:



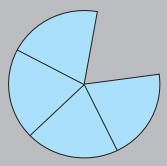
b. Replace 1 with sectors of $\frac{1}{5}$:



c. Subtract $\frac{2}{5}$:



d. The result is $\frac{4}{5}$:



$1\frac{1}{5} - \frac{2}{5} = \frac{4}{5}$

a | $1\frac{1}{4} - \frac{3}{4} =$

b | $2\frac{1}{3} - \frac{2}{3} =$

To the teacher:
We recommend that slow students would skip the topic of addition and subtraction of mixed numbers by conversion.