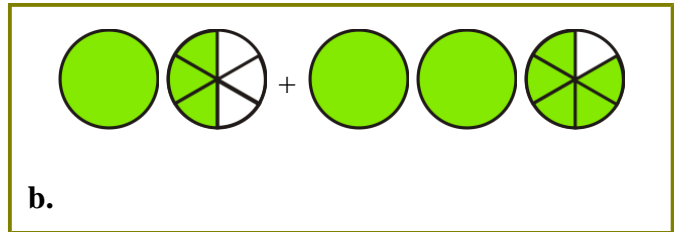
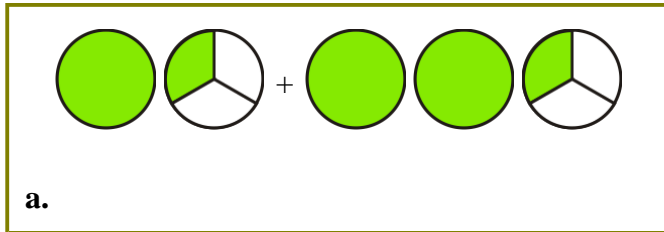


Adding Mixed Numbers 1

1. Can you figure out these addition problems *without* reading the instructions in the blue box below? First write an addition sentence for each problem. Then afterwards read the instructions below.



Adding mixed numbers

You can simply **add the whole numbers and fractional parts separately**:

$$1 \frac{1}{7} + 5 \frac{3}{7} = 6 \frac{4}{7} \quad \text{or in columns } \rightarrow \begin{array}{r} 1 \frac{1}{7} \\ + 5 \frac{3}{7} \\ \hline 6 \frac{4}{7} \end{array}$$

However, many times the sum of the fractional parts **goes over one whole pie**.

So first, simply add the fractional parts as usual. Then, change the fraction that is more than one pie into one or more whole pies and a fractional part that is less than one pie.

2. These mixed numbers have a fractional part that is more than one “pie.” Change them so that the fractional part is less than one. The first one is done for you.

a. $3 \frac{3}{2} \rightarrow 4 \frac{1}{2}$ **b.** $1 \frac{11}{9}$ **c.** $3 \frac{5}{3}$ **d.** $6 \frac{7}{4}$ **e.** $3 \frac{13}{8}$

3. Write the addition sentences that the pictures illustrate and then add.

